## MEDITERRANEAN BIOLOGICAL STUDIES

AD 748014

FINAL REPORT

VOLUME II OF II

APPENDICES 2, 3, 4

TABLES 47 - 613

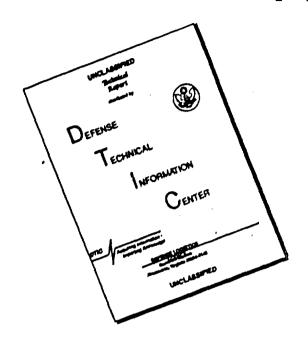


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#### APPENDIX 2

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Fish Data

Cyclothone braueri - Hygophum hygomi

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The tables in this appendix are among those that were used in analyzing the fish data, the results of which appear in Part 3 of the Text. For each species with sufficient data, four sets of tables are presented; the tables in each set are arranged numerically by station, and the sets appear in the following order: 1) <a href="Stage-Size">Stage-Size</a>, size frequency distributions for each stage or stage-sex combination, 2) <a href="Stage-Depth">Stage-Depth</a>, catch rate as a function of stage of development and depth of capture, 3) <a href="Depth-Size:Day">Depth-Size:Day</a>; catch rate as a function of depth of capture and size of the specimen, 4) <a href="Depth-Size:Night">Depth-Size:Night</a>. Methods used for determining stage of development and for calculating catch rates are described in the Materials and Methods section of Part 3 of the Text.

TARLE	CNE EHAUFRI		ALPOER	CF SPECIPENS	CALCET IN LI	SCHETE CEPT	H SAMPLES FR	OM MED 1	
512t	PLSTLAHV41	JUVEN TUES	FENALES	ACLL1 FEMALES	UNSTACED MALES	SUBACULT PALES	INTERMED-	LNDES IGNA 1E:	TETALS
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	· · · · · · · · · · · · · · · · · · ·		2 2 6 5 3 0 5 3 0 6 2 6 6 1 5 5 1 0 0 4 4 1 2 3			·	52 117 156 127	36 142 55	36 142 95 53 117 198 137 17C 365 305 305 268 146 10C 444 13
TUTALS	c	c	1457	1	C	^	505	443	244 t

TARLE	48							
CYCLCT	FCNE BRAUERI		NLPBER (	F SPECIPENS	CAUCHT IN CI	SCRETE DEFTH SAMPLES FR	ON HED 2	
\$12E	PESTLARVAE	JUVENILES	FEMALES	ADLLT FEMALES	UNSTAGEC MALES	SUFACULT · INTERMED- PALES IATE	UNDESIGNATED	ICIALS
10 11 12 13 14							11 30 41	11 36 21
						10 64 175	,	1¢ 54 175
17 18 19 20,			164 241			123	ł i c	133 123 164 341
16 17 18 19 20, 21 22 23 24 25 26			376 363 314 130					378 363 314 130
25 26			12					12
TUTALS	c	С	1602	Ĺ	រ	372	193	23 <b>e</b> 7

S I Z E	POSTLARVAE	JUVENILES	Prmales	ADULT FEMALES	UNSTAGED PALES	SUBACULT MALES	INTERMED- IATE	UNDESIGNATED	IGTALS
10 11 12 13 14 15 16 17 18 19 20 21 22 29 24 25 26 27 28		,	563 455 337 111 23 3				214 344 360 334	3 41 221 236 462	3 41 221 236 214 344 360 334 462 563 495 337 111 23 3
TOTALS	c	0	1534	o	0	0	1252	963	3745

F ? .

S12E MM	PCSTLARVAE	JUVENILE S	FEMALES	ACLLT FEPALES	UNSTAGED PALES	SUPACULT MALES	interned- iate	UNDESIGNATED	TCTALS
10 11 -12- 12 14	×					٠	41	2 1 15 40	2 1 15 40 41
15 16 17							61 57 39 30	34	57 35 30 34
18 19 20 21 22 22 22	į		71 81 63 32 17	•				-	71 81 63 32 17
TCTALS	С	c	266	G	υ	0	167	92	547

SABLE :	31								
CYCLCT	Che Eraueri		NUMBER	CF SPECIFENS	CAUCHT IN CI	SCRETE ULPT	M SAMPLES FR	IOM MED 5	
SIZE -MP	POSTL ARVAE	JUVEN ILES	PEKALES	AGLLT F! PALES	LASTACEU Pales	SUEACULT MALES	INTERMED- IATE	UNDESTGNATED	TÜTALS
12 13 14 15 16 17 18 19 20 21 22 22 22 24			4¢ 34 24 13 3				16C 204 126 61	15 76 44	15 18C 274 126 84 4C 34 4C 34 24 13
TC1 ALS	c	₹	115	c	ر	9	591	155	961

المقافية في كالمراد ومقاطة والمقاطة والمقاطعة والمقاطعة

TABLE 52
CYCLUTEO # PARTER 1

NUMBER OF SPECIPENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED. I SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED.

1		_=	υ	Α̈́Υ				1		41	uHT .			
	TOTAL MOUNT	PISTLE VA	NUMBER PER JUVENILE	HGUR PEMALE	INTERMED.	AUMdE 448	R OF INDEV.	T-)TAL HJUKS	PUSTLARVA	NUMBER PER JUVENILE	HJUR PLMALE IN	FERNED.	NUMB SAMP.	R GF 1md1v
i								1.1	0.0	0.0		0.0	2	c
								1 1.3	G.0	0.0	1.0	0.0	î	ŏ
								1 1.0	0.0	0.0	1.0	C. 0	i	Ċ
								1						
	1	1.3	6. C	c. (	. v.o	3	· o	3	2.0	0.0	*** U	0.0	3	•
						-	•				-,,,,			
								1.0	٥.٠	0.0	v. 3	0.0	ı	0
	٠.	• -		0.0	2.0	2	J	3.4	0.3	6.6	٠.7	0.3	3	3
								1						
								!						
								ii						
	٠.	• •	26.7	102.3	40.3	3	490							
								1 1.2	J.0	34.3	34.7	41.3	3	499
								i						
								i						
	٠.	:	3 14 .	303.0	99.1	2	414	! !						
								1						
								i i						
								1						
								i i						
						_		1 1			_			
	1.		. 3	10.2	10	3	284	3.0	6.0	و . د	25.8	4.6	3	,
								i						
								! !						
								i						
								! !						
								1						
	۸.		• •		• •••	•		ii						
								1.1						

TABLE 53 CYCLETHONE GRAVERS

ALMBER OF SPECIPERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAPPLES MITHIA 1.50 MOURS OF SUMMISE OR SUMSET EXCLUDED

			0	AY	********		<u>+</u>	!		n1	 GHT			
DEPTH M	FOTAL HUUPS	PUSTL ARVA	NUMBER PEN JUNGNILE	HCUR FEMALE	INTERMED.	AUMBE SAPP	R OF	TOTAL	POSTL ARVA	NUMBER PER JUVENILE	HOUR FEMALE	INTERMED.	AUFB(	ER CF
SUME	5.0	6.0	c. c	C.	0.0	2	0	11.9	0.0	0.0	0.0		24	0
25 50							!	1 1.5	0.0	1.1 C.0	22.8		3	44
15							i	1			0.0	0.0	٠	U
160		0.0	0.C	c. (	0.0	2	0	1.0	0.0	0.0	0.0	C.C	1	0
150	1.0	0.0	1.0	2.0	0.0	ı	⇒ i	3.0	0.0	0.0	0.0	c.c	3	0
17° (		0.0	0.0	c.	0.0	2	0	3.0	0.0				_	
22:	}		•••	•	• •••	•	" ;	, ,,,	0.0	0.0	0.0	C.0	3	0
250   275							!	!						
300	2.0	9.0	0.0	4.5	1.0	2	!	1						
32 A 1							· i	į						
375							- 1	1						
40F		6.71	0.0	53.0	10.0	3	189	2.1	0.0	0.0	8.8	C.5	2	19
450							-	1						
475							j	j						
500   525							!	!						
550							i	j						
575							į	1						
625							ŀ	1.0	0.0	54.0	415.0	77.0	ı	546
650							i	i						
675   700							!	?						
12 / 1							j	j						
750 I							. !	!						
500		c.0	0.0	65.5	19.0	1	169	3.0	0.0	1.0	8.7	2.0	3	35
625	_			• • • • • • • • • • • • • • • • • • • •	• ,,,,	•		i ,,,	0.0	1.0	0.7	2.0	,	37
850 I						11	!	1						
700					ì		í	<b>t</b> o						
925							į	ĵ						
950								1						
1000		0.0	0.0	6.0	2.0	1	. !	3.0	0.0	0.0	2.0	2.3	3	13

\* \ \\

÷

TABLE 54 CYCLOTHONE BRAUERS

The state of the s

NUMBER OF SPECIPENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

			b	AY				1		NI	GHT			
EPTH M	TOTAL HATURS		H14 F36FUP JJINJVUL		INTERMED.		ER OF I	FUTAL	PUSTL AKVA	NUMBER PER JUVEN ELF	HOUR PENALE	INTERNED.	NUMBE SAMP	
SUKF 25				~			 	29.0	0.0	0.0	0.0	0.0	58	0
50 75	i 2.0	0.0	0.0	c. c	0.0	2	n	1.1	0.0	0.0	0.0	0.0	1	0
100 125	1 6.0	c.c	u.c	c. c	0.0	6	n	1.0	0.0	0.0	6.0	3.0	ı	9
15C	1 2.C	c.c	0.0	1.5	C.5	7	4	3.0	0.0	0.0	0.0	0.0	3	0
175 200 225 250	1 0.0	0.0	¢.¢	C. 3	0.2	6	3	2.0	0.0	0.0	6.5	4.5	2	72
275 300 325 350	1 2.0	c.c	1 1.0	21.5	20.5	2	110	3.0	0.0	0.0	0.1	0.0	3	i
375 400 425 400	1 3.0 1	c. :	3.1	5.0	11.0	3	58 ] 1	3.1	0.0	a. 1	1.		,	32
475 507 575 590	3.0	6.3	161.6	155.0	180.0	3	1308	3.0	0.0	42.7	111.	124.0	•	814
575 675 675	3.	Car	<b>`</b>	34.7	36.4	3	419   	3.0	0.0	4.3	100.0	21.1	3	396
675 700 725 750 775 800	1 1 2.0	c.c	0.0	1.5	3,0	2	21	1.0	0.0	۳.0	7.3	3.9	3	34
#50 #50 #75 #000 #350 #75	1	, (.c	e.c	c.c	0.5	ž	   1   1   1   1	  -  -  -  -  -  -						

facts 55 Cyttoffens apautel

SUPPER OF SPECIPENS FER HOUR IN CISCHETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUMMISE OR SUNSET EXCLUDED

A Compare in manifold the first of the company of t

			ð	٨٧				!		MIC	H Ţ		!
NEPIH M	TOTAL	POSIL #4V4	SUMBER PEN JUVENTUE	HCU-	INTERHED.	AUPREI	CF	TOTAL HOURS	POSTL ARVA	NUMBER PER JUVINILE	HOUR FENALE	INTERMED.	NUPBER CF   SAMP,-INCIV.
Sust													
75 50							- !	ļ					!
75	ı						i	i					i
100 (							!	!					!
150	ı						i	i					i
175							!	!					!
225 I							i	ŀ					i
250 1	t						į	į					<u> </u>
275   300							ļ	ŀ					!
324	:						i	i					i
350 I							!	!					!
400							i	i					i
425							į	!					į
450 475							-	i i					1
530	1 1.3	C.C	42.6	156.0	138.0	i,	344	i					i
525   550							!	ļ					!
575							ľ	i					i
67G							!	1					į
625							i	ì					1
175	ı					_	į	į					i
700		c.3	1.C	le.C	1.0	1	16 [	ł					!
750	1						i	i					i
7/5							!	!					!
875	i						i	i					i
970	ı						į	ļ.				100	ויכיו
700							- 1	1				:	7
925	•						į	į					i
975	[						į	ł					!
1000							i	i					i

TABLE 56
CYCLOTHONE BRABERS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

			U	AY				!		NI.	GHT			
EPTH M	TUTAL HOURS	POSTLARVA	NUMBER PER JUVENILE		INTERMED.	NUMBE SAMP		TOTAL	POSTL ARVA	NUMBER PER JUVENILE	HOU4 FEMALE	INTERMED.	NUMBEI SAMP	R OF INDIV.
SURF								7.8	0.0	0.0	0.1	0.0	15	Ü
25   50	] 						· ·	1.0	<b>U.</b> 0	<b>U.</b> U	0.0	1.0		1
75 I							į	1.0	<b>U.</b> 0	<b>0.0</b>	0.0	0.0	1	0
125 [							į	ì					-	
175	1.0	0.0	0.0	0.0	0.0	1	0 1	1 1.0	0.0 0.0	2.0 0.0	1.0		i	•
200	l	***	•••	•••		•		į ···		***			_	
225   250	1.0	0.0	0.0	0.0	0.0	1	o i	1.0	0.0	0.0	0.0	0.0	1	0
275   300							1	1						
325	İ					_	i	1.0	0.0	0.0	0.0	0.0	1	0
350   375		0.0	0.0	0.0	0.0	1	١٥	-						
400	ı	0.0	0.0	0.0	0.0	1	0	1 1.0	J.U	12.0	5.0	87.0	1	104
450	1	0.0	0.0	****		•	Ŭ	1	•••	1200	,,,		•	•••
475   500		0.0	1.0	3.0	2.0	1	6	i						
525   550	i							1.0	0.0	11.0	11.6	64.0	1	86
575	İ						į	į						
625								1						
675	i	0.0	0.0	19.0	3.0	2	44	1						
700	İ		****	4701	, ,,,,	•	* 1	į						
725 I							í	1						
/75   800	į						į	1						
R25							į	į						
150 875								1						
900	i						į	1						
950	ŧ.						į	į						
975							į	1						
. 500	*													

TAPLE 57

的复数形式 2000年代的一次,我们是不会就是是不是不是一个人,我们也不是是一个人,我们也不是一个人,我们也不是一个人,我们也不是一个人,我们也会会会会会会会会

CACCUTECNE PRACEK! AUDBER OF SPECIMENS PER HOUR IN DISCRETE CEPTE SAMPLES FROM NED 1
DAY SAMPLES WITHIN 1.50 HOURS OF SURVISE OR SURSET EXCLUDED

517t		r:e	PTHS SAPP	LEG (P)	•	
	150	235	375	5CC	705	940
12				1.5		
11			2.3	11.C		
12			10.7	21.5		
13			7.7	15.0	C . 3	
14			4.7	3.5	C.7	
15			4.7	22.5	3.u	
16			12.3	45.C	8.0	
17			13.7	28.C	4.4	
1.9			1 t . 3	27.5	1.7	
19			25.7	44.5	7.3	
20			24.3	62.C	7.6	
21			23.7	63.0	8.3	
22			16.0	62.5	14.0	
23			t. 7	40.5	19.0	
24			2.7	21.5	12.3	
25			1.3	7.5	6.0	
76			*	1.5	3.0	
27				•••	1.0	
NC-/FCUR	C.G	c.c	181.7	484.5	96.2	0.0
AC. HLUKS	3.0	2.0	3.0	2.0	3.0	3.0
NC. SPEC.	٥	c	545	969	289	O
AG. SAMPLES	3	ż	3	2	3	ż

المختلا المقاولة المعالمة المستحد مستحد مستحد المستحد والمستحد والمستحد أمستحد أماد المقاولة المعالمة والمعاولة والمعاولة المعاولة TABLE 58

CYCLOTHONE BRAUERE
OAY

NUMBER OF SPECIMENS PER-HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

de de la compresa de la compresa de la compresa de la compresa de la compresa de la compresa de la compresa de

SIZE	DEPTHS SAMPLED (M)							
A.	SURF	100	150	200	300	400	800	1000
10			1.0					
11								
12								
13								
14					0.5	0.3		
15						2.0	3.0	
16					0.5	5.0	10.0	1.0
17						2.7	6.0	1.0
18					0.5	8.3	6.0	1.0
19			2.0		0.5	17.3	9.0	
20					1.5	18.3	14.0	3.0
21					1.5	9.0	19.5	
22					0.5	7.0	11.0	3.0
23						1.3	8.0	
. 4							2.0	
25					0.5		2.0	
NO./HOUR	0.0	0.0	3.0	0.0	6.0	71.3	90.5	9.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	3	0	12	214	181	9
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 59

CYCLOTHONE	BRAUER I		NUMBE Sampl					DEPTH SA Sunset ex	MPLES FROM	M MED 3
SIZE		DEP	THS SAMPL	.ED (#)						
	50	100	150	200	300	400	500	600	750	1000
10							0.3	0.7		
11					0.5	0.3	8.0	1.3		
12 13					5.5 7.0	3.0	47.0 45.7	1.3 2.0		
14					3.5	3.3	35.7	2.6		
15			0.5		5.0	4.7	49.7	14.2	2.0	0.5
16			•••		8.5	1.0	49.0	14.0	1.0	0.7
16 17 18				0.2	3.5	2.0	45.7	7.6	•••	
18					6.0	0.7	63.0	10.9	0.5	
19			0.5	0.2	8.5	1.3	69.3	21.0	3.0	
20			, 0.5	0.2	10.0	2.0	52.7	27.7	0.5	
21			0.5		1.5	1.3	25.0	31.7	4.0	
22					1.0	0.3	6.7	10.2		
23					0.5		1.3	3.6		
24								0.3		
NO./HOUR	0.0	0.0	2.0	0.5	61.0	20.0	499.0	149.3	11.0	0.5
NG. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NU. SPEC.	0	0	4	3	122	60	1497	452	22	1
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 60

CYCLOTHONE BRAUERI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNSET EXCLUDED

SIZE		DEPTHS	SAMPLED	(H)
· · · ·	500	700		
10	1.0			
11	1.0			
12	12.0			
13	34.0	1.0		
14	52.0	•••		
15	39.0			
16	29.0			
17	18.0	1.0		
18	23.0	1.0		
19	43.0			
20	53.0	2 ^		
21		2.0		
	43.0	2.0		
22	13.0	5.0		
23	5.0	5.0		
24	1.0	2.0		
NO./HOUR	367.0	18.0		
NO. HOURS	1.0	1.0		
NO. SPEC.	367	18		
NO. SAMPLES	1	1		

TABLE 61

CYCLOTHONE BRAUER! NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5

DAY SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEF	THS SAMPL	ED (#)		
1,14	160	250	340	410	495	675
13 14 15					1.0 2.0	1.0
16 17 18				•		0.5 1.5
19 .20					1.0 2.0	0.5 2.0 7.5
21 22 23						5.0 3.5
24					1.0	0.5 0.5
Ng./Hour	0.0	0.0	0.0	0.0	7.0	22.5
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	7	45
NO. SAMPLES	1	1	1	1	1	2

TABLE 62

\$ . k

CYCLOTHONE BRAUER I

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAPPLED	(P)	•				
600	25	4G	70	150	190	235	400	700	
11							2.3		
12							18.0	0.3	
13							13.7		
14							10.0		
15						0.3	10.3	0.7	
16							12.7	2.9	
17							8.0	1.C	
18							14.7	3.7	
14							24.0	2.0	
26							25.7	2.7	
21						0.3	21.0	4.6	
22							13.3	3.6	
23						0.3	3.3	8.0	
24							1.0	3.G	
25							0.7	1.7	
26								0.3	
NC./HCUR	c.e	0.0	0 • C	0.C	0.0	1.0	178.7	34.4	
NC. HOURS	1.1	1.C	1 • C	3.0	1.0	3.0	3.0	3.0	
NO. SPEC.	0	C	С	0	0	3	536	104	
NO. SAMPLES	2	1	1	3	1	3	3	3	

TABLE 63

CYCLOTHONE	BRAUER I		NUMB E Sampl	R OF SPEC ES WITHII	IMENS PER	HOUR IN	DISCRET ( NRISE OR	DEPTH S SUNSET E	AMPLES FROM XCLUDED	4 MED 2
SIZE		DEP	THS SAMPL	ED (#)						
MM	SURF	12	45	100	150	200	400	600	800	1000
10		0.5						9.0	•	
11								30.0	0.7	
12		0.5						12.0	0.3	
13				•				3.0		
14		0.5						5.0		
15		1.1						19.0	0.7	
16 17							0.5	40.0	1.0	1.7
16		1.4 2.5					1.0	13.0	0.3	0.7
19		2.9					1.9 2.0	18.0 35.0	1.0	0.3 0.3
žń		6.5					4.9	86.0	0.7	0.5
21		7.1					1.0	96.0	2.3	0.3
22		5.0					0.5	95.0	2.7	1.0
20 21 22 23		1.4					0.5	71.0	1.0	0.3
24								26.0	0.7	-
25								5.0	0.3	
26								1.0	• • • •	
NO./HOUR	0.0	29.4	0.0	0.0	0.0	0.0	11.2	564.0	11.7	1.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	48	0	0	0	0	23	564	35	14
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TABLE 64

NO. SAMPLES

15

CYCLOTHONE NIGHT	BRAUER I		NUMBE Sampl	R OF SPEC	IMENS PER 1 1.50 HOU	HOUR IN	DISCRETE IRISE OR	DEPTH SA Sunset ex	MPLES FROI	4- MED 3
SIZE MM		DEP	THŚ SAHPL	ED (M)	,					
	SURF	50	100	150	200	300	400	500	600	750
11	*							3.0	0.7	-
12							0.3	18.7	2.3	
13 14							0.3 2.3	21.0 21.0	1.3 2.3	
15					1.0 1.0		3.6	27.3	6.7	1.7
16			1.0		1.0		2.0	32.7	12.3	1.0
17			2.0		1.5		0.7	43.0	6.3	1.3
18		•			3.0		2.3	54.7	13.0	1.3
19			3.0		2.0	0.3	0.7	52.0	26.0 28.0	2.7 2.0
20 21					1.5 3.0		0.3 0.3	41.0 13.3	30.0	2.0
22			1.0		300		0.5	4.3	13.7	0.6
23								0.3	2.0	
24.			1.0					0.3		
25									0.3	
26 27										
28			1.0							
NO./HOUR	0.0	0.0	9.0	0.0	14.0	0.3	12.8	332.7	145.0	12.6
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	9	0	28	1	39	998	435	38
NU. SAMPLES	58	1	1	3	2	3	3	3	3	3
TABLE 65										
CYCLOTHONE NIGHT	8RAUER1				CIMENS PER N 1.50 HOL				MPLES FROM	M MED 5
SIZE		DEP	THS SAMPL	.ED (M)						
MM	SURF	50	80	135	155	250	325	425	510	
12								1.0	2.0	
13				2.0				11.0	9.0	
14				1.0				28.0	18.0	
15								27.0	19.0	
16		1.0						25.0	13.0	
17 18								7.0 3.0	14.0 7.0	
19:				1.0				4.0	6.0	
20								1.0	2.0	
55 51									2.0 1.0	
NO./HOUR	0.0	1.0	0.0	4.0	0.0	0.0	0.0	107.0	93.0	
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
NO. SPEC.	0	1	0	4	0	0	0	107	93	

Sold in the control of the second of the second sec

TARLE	66								
CYCLCTH	CNE PYCMAEA		NUMBER CF	SPECIPERS	CAUGHT IN CIS	SCRETE CEPT	H SAMPLES FR	OH MED 1	•
3128	PESTLARVAE	JLVENILE 5	FEMALES	ACULT FEMALES	UNSTAGEÉ PALES	SUBACULT PALES	INTERMED!	LNDESIGNATED	TCTALS
10 11 12 12 14 15 16 17 18 19 20 21 22 22	,		12 113 74 53 22 14		. 1 2		17C 174 2C1	2 7 14 71	2 7 14 72 176 174 201 1.70 113 74 53 32 14
TUTALS	c	· ¢	365	c	÷	•	545	250	1100
TAELE (YCLLTH	67 Che pycpaga Postlanyae	JOVE v ILe S	NUMMEN CF FEMALES	ACLLT	CAUCHI IN CIS	5[76][ CEF[ 3]]],4],6]	H SAMPLES FRI		TUTALS
- <b>4</b> P				FLFALES	Stubi	MALES	IATE		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
12 12 14 15 16 17 16 15 21 21 22 22 24 25		ì	19 659 558 252 145 75 12		2		56 275 457	11 31 267	11 34 76 275. 457 565 655 566 352 145 36 12
TCTALS	c	1	1813		1		٤٦(	618	3363
TAELE	68								
	Che PYCMAFA		NLMBED CF	SFECIPENS	CAUGHT IN TE	SCHETE BEFT	h SAMPLES FIR	PM MED 3	
5 I Zz 44	PESTLARVAE	JUVENTEFS	FENALES	AGLET FEFALES	UNSTAGEC PALES	SUPADULT MALES	INTERMED- IATE	unde \$15441En	TCTALS
10 11 12 13 14 15 16 17 10 19 20 21 22 23			26 15 13 5 1				75 67 67	2 10 25 82 82	2 1C 2S 62 7S 67 67 5t 2E 1S

ij

TETALS

c

TAELE	69	
CYCLLTI	-CNE	PYCIAFA

NLM .F.F. LF	SPECIMENS	CALGET	I٨	BISCRETE	LFFTH	SAMPLLS	FHUY	4F)	4
--------------	-----------	--------	----	----------	-------	---------	------	-----	---

STRE	PESTEARVAE	JUV) "TEES	FEMALES.	ACULT F+ MALES	URSTALLL VALES	SUI ACULT MALLS	INTERMED- IATE	LALES I Chated	ICTALS
11 12 13 14							<b>2</b> 7	€ 27 4€	E 27 4E 35
15 16 17 18 15			2				4c 17	's	46 17 5 2
ECTALS	Ĺ	C	3		•		104	92	195

#### 1 4 EL 1 70

是多时,这时间是这种,我们就是这种是一种,我们就是这种,我们就是这种,我们就是一个人,我们是一个人,我们就是一个人,我们就是这种,这种人,我们就是这种人,我们就是 第一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就

CYCLUTECAE					Caput 1 18 1 i				
5126 Pa	STLARVAE	Juvanitu S	FEMALES	ADULT FEMALES	13544740 7. 4565	SUNALLI MALES	INTERMED- IATE	we called	+ , FALS
11								<u> </u>	
12 15								•	٠,
15								i •	14
14							^ د		<i>:</i> -
15							ς		•
1:							7		7
2 /								1	i
TATALS	ć.	•	-				3 6	, ;	• 1



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TABLE 71
CYCLOTHONE PYGHAEA

### NUMBER OF SPECIMENS PER HOUR 'IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	   		0/	VY.			NIGHT							
DEPTH M	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR FEMALE	INTERNED.	NUMBER SAPP		TOTAL HOURS		NUMBER PER JUVENILE		interned.	NUMBE SAMP	
SURE 25 50 75 100	İ							1.1	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0	0.0	2 1 1	1 0 0
125 150 175	j 3.0	c.u	0.0	C.C	0.0	3	٥	i i	0.0	0.0	0.0		3	0
200 225 250 275 300	2.0	1.6	9.0	c.o	0.0	2	0	3.0	0.0	0.0	0.0		3	0
325 350 375- 400 425	i   3.0 	c.c	o. c	c.c	0.0	3	v	3.0	v.o	0.0	0.0	0.0	3	0
450 475 506 525 550 575	   2.2   	c.c	e.c	c.0	<b>0.</b> 0	ž	J							
60.3 625 650 675 700 725 750 775 800 825	i i i i 3.0	د	24.8	34.6	137.5	3	594	3.0	0.0	6.0	26.0	35.7	3	204
850 875 900 925 950 975	3.2	c.c	(.7	39.3	7.7	3	143							

TABLE 72 CYCLOTHONE PYGMAEA

2. (11.

NUMBER OF SPECIPERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUGED

	j 		0	AY						N1	GHT			~~~~
DEPTH	TOTAL HOURS	PUSTLARVA	NUMBER PER JUYENILE	HOUR PENALE	INTERMED.	AUMBER 144A2	OF NDIV.	TOTAL	POSTLARVA	NUMBER PER JUVEN ILE	HOUR PENALE	INTERMED.	NUMBE SAMP	R CF
SURF 25 50	2.0	0.0	0.0	C.0	0.0	2	0	11.9	0.0 0.0 0.0	0.0 3.7 0.0	0.0 54.9 0.0	0.0 32.5 0.0	24 3 1	0 145 0
75 100 125	2.0	0.0	0.0	c. c	0.0	2	٥	1.0	0.0	0.0	0.0	0.0	1	0
150	1.0	0.0	0.0	C.0	1.0	1	ıļ	3.0	0.0	0.0	0.0	0.0	3	0
175 200 225	2.0	0.0	0.0	C. 0	0.0	2	١	3.0	0.0	0.0	0.0	0.0	3	0
250 275 300 325 350	2.0	0.0	0.0	2.0	2.5	2	•					•		
375 400 425 450 475	3.0	0.0	0.0	c. 0	0.0	3	٥	2.1	0.0	0.0	0.0	0.0	2	0
500 525 550 575 400 425 450							)         	1.0	0.0	6.0	4.0	.· , 13.0	1	23
475 700 725 750 775 800 825	 	. 0.0	4.5	250.5	150.0	1	<b>8</b> 10	3.0	0.0	2.0	44.2	55.9	3	439
950 975 900 925 950 975					•• •						<b>F</b> :	, .	15	
1000	1.0	0.0	0.0	109.0	24.0	1	133	3.0	0.0	0.7	79.7	10.0	3	295

 		D/	AY				Í		N1	GHT			
TOTAL HOURS	POSTL ARVA	NUMBER PER JUVENILE		NTERMED.	NUMBER	OF	TOTAL		NUMBER PER JUVENILE		intermed.	NUMBE SAMP	
							29.0	0.0	0.0	0.0	0.0	50	0
2.0	0.0	0.0	c. o	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
4.0	0.0	0.0	c. o	0.0	6	0	1.0	0.0	2.0	2.0	3.0	ı	7
2.0	0.0	0.0	1.5	1.5	2	6	3.0	C.0	0.0	C.(	0.0	3	0
4.0	0.0	0.0	c. c	0.0	6	٥	2.0	0.0	0.0	0.6	0.0	2	0
2.0	0.0	0.0	c.c	0.0	2	٥	3.0	0.0	0.0	0.0	0.0	3	0
3.0	0.0	0.0	c. 0	0.0	3	٥	3.1	0.0	0.0	0.0	<b>c.</b> 0	3	0
3.0	c. o	o. c	c. c	0.0	3	٥	3.0	0.0	0.0	0.0	0.0	3	s
3.0	<b>c.</b> o	7.0	c.0	3.3	3	31	3.0	0.0	2.0	0.	D 1.0	3	9
2.0	0.0	10.5	3.0	22.5	2	72	3.0	0.0	15.7	3.0	22.3	3	123

TABLE 74

CYCLUTHONE PYGHAEA

NUMBER OF SPECIPFAS PER HOUR IN UISCRETE DEPTH SAMPLES FROM MED. 4 SAMPLES WITHIN 1.30 HOURS OF SUNRISE OR SUNSET EXCLUDED

			0/	۱۲						NIC	HT		   
DEPTH	FGTAL HUURS	PUSTLARVA	NUMBER PER JUVENILE	FEMALE	INTERMED	AUPBER SAPP1	CF NDIV.	TOTAL HOURS	PUSTL ARVA	NUMBER PER JUVENILE	HOUR FEMALE	INTERNED.	NUMBER OF SAMPINDIV.
SURF I													į
· 75	1						ļ						:
100	}						į						į
150 ( 175	l						į	İ					į
200	ļ						į						į
250   275   300	l						į						į
325 I	l							i	•				į
375 400	1							İ					
425	l						į						
475 500	i	c.c	24.C	c. 0	16.0	ı	40						1
525 550	ŀ						1						ļ
575 600	ı												
625 65C	ı												
675 700	1.0	c.c	10.C	1.0	9.0	1	20						į
725 750 775	ı												į
800 825	1												i
850 875	İ												į
900 925	ĭ									,	. ,	4.0	į
950 975	1							11			,	16	!
1000		<b></b>	. <b></b>					 					

TABLE 75
CYCLOTHONE PYGMAEA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	   		DA	Υ						NI	GHT			
DEPTH	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR FEMALE	INTERMED	NUMBER		TOTAL	POSTLARVA	NUMBER PER JUVENILE	HOUR FEMALE	INTERMED.	NUMBER SAMPIN	
SURF			*******				!	7.6	0.0	0.0	0.0	0.0	15	
25   50							ļ	1.0	0.0	0.0	0.0	0.0	1	0
75 I								1 1.0	0.0	0.0	0.0	0.0	1	١٥
125							1	1.0	0.0	0.0	0.0	0.0	1	١٥
175 I 200 I	1.0	0.0	0.0	0.0	0.0	1	0 1	1 1.0	٥.0	0.0	0.0	0.0	1	0 1
225 250	1.0	0.0	0.0	0.0	0.0	1	0 1	1 1.0	. 0.0	0.0	0.0	0.0	1	١٥
275 300		***	-	•••	•••	•	Ĭ			•••	•••	•••	-	Ì
325 350	1.0	0.0	0.0	0.0	0.0	1	o i	1.0	0.0	0.0	0.0	0.0	1	٥
375	)	0.0	0.0	0.0	0.0	•	١	ļ						į
400-1 425-1 450-1		0.0	0.0	0.0	0.0	1	٥	1.0	0.0	0.0	0.0	0.0	1	. •
475 500 525	1.0	0.0	0.0	0.0	0.0	ı	0	1.0	0.0	0.0	0.0	0.0	1	0
550 575 600 625	Ī													
650   675   700	2.0	0.0	5.5	0.0	12.0	2	35 I	i ! !						1
725   750   775	! ! !													Ì
800 825 850														ļ
875 900-							i	į						į
925	İ						į	į						i
950   975							į							į
1000	 						  +	 						<del> </del>

TARLE 76

CYCLOTHONE PYGMAEA
DAY

NUMBER OF SPECIMENS PER HEUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUNKISE OR SUNSET EXCLUDED

SIZE	DEPTHS SAPPLED (P)										
MM	150	235	375	500	700	940					
10 11 12					0.7 1.7 3.0	0.3					
13 14 15					19.6 45.5 45.6	0.3 0.3 2.0					
16 17 18 19					46.4 31.1 16.2 7.3	5.3 11.3 9.7 8.0					
20 21					5.9 2.3 0.7	6.3 6.0 3.3					
53 55					0.3	0.3					
NC./HCUR	C.0	0.0	0.C	0.0	228.1	55.3					
NC. HOURS	3.0	2.0	3.C	2.0	3.0	3.0					
NC. SPEC.	0	C	c	0	646	166					
NG. SAMPLES	3	5	3	2	3	3					

TABLE 77 CYCLOTHONE PYGNAEA DAY

()

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		UEP						
NA	SURF	100	150	200	300	400	800	1000
12 13							1.5	
14 15 16			1.0		2.0		13.5 47.5 89.0	4.0 7.0 13.0
17 18 19					1.0		100.0 100.5	33.0 38.0
20 21 22					1.0		80.5 37.0 21.0 5.5	30.0 27.0 8.0 2.0
23 24							1.0	1.0
NO./HOUR	0.0	0.0	1.0	0.0	5.5	0.0	500.0	163.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	1	0	11	0	1000	163
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 78

CYCLOTHONE PYGNAEA NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (M)						
nn	50	100	150	200	300	400	500	600	750	1000
11 12 13 14 15 16								1.7	0.5 3.5 6.5	0.2 0.2 3.0
15 16			1.5					2.0 0.7 0.7	9.0 8.0 5.5	3.9 4.2 8.8
10			1.5						3.0 2.0 0.5	8.3 4.6 4.9
19 20 21 22 23									0.5	3.4 0.7 0.5 0.3
NO./HOUR	0.0	0.0	4.5	0.0	0.0	0.0	0.0	10.3	39.0	43.4
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	9	0	0	0	0	31	78	139
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 79

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CYCLUTHONE PYGMAEA NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUMSET EXCLUDED

SIZE		DEPTHS SAMPLED (M)
75	500	700
11 12 13 14 15 16	4.0 11.0 9.0 9.0 6.0 1.0 2.0	4.0 6.0 6.0 1.0 2.0
18 19		10
NO./HOUR	42.0	22.0
NO. HOURS	1.0	10
NO. SPEC.	42	22
NO. SAMPLES	1	1

Control of the contro

U

SIZE		GEP	THS SAMPL	ED (H)		
nn .	160	250	340	410	495	675
11 12 13 14 15 16					•	1.5 1.0 3.0 6.5 3.5 2.0
NO./HOUR	0.0	0.0	0.0	0.0	0.0	18.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	0	0	0	36
NO. SAMPLES	ı	1	1	1	1	2

TABLE 81

是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们是一个时间,我们们也是一个时间,我们们也是一个时间,我们们的时间,我们们的时间,我们们的时

CYCLCTHONE PYGMAEA ALMBER OF SPECIFERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAPPL	ED (#)				
	25	40	70	150	190	235	400	700
11 12 13 14 15 16 17 18 19 20 21 22 23	1.0							0.3 1.6 4.0 10.6 10.3 14.8 13.7 9.3 7.3 3.3 2.3 0.7
NC./HOUR	1.0	0.0	0 • C	0.0	0.0	0.0	0.0	81.0
NO. HOURS	1.1	1.0	1.C	3.0	1.0	3.0	3.0	3.0
NC. SPEC.	1	c	c	0	0	٥	0	245
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 82

CYCLOTHONE PYGNAEA NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (#)						
Mr.	SURF	12	45	100	150	200	400	600	800	1000
12		0.5						2.0		
12 13 14 15 16		3.2 6.5						4.0 8.0	2.0 5.7	0.7 1.7
14		1.7						5.0	17.9	5.0
iá		17.1							32.3	11.3 17.7 22.0 29.3
17		21.2							34.6	17.7
		21.4							36.6	22.0
19		19.9						1.0	29.3	Z7.3
20		10.9						2.0	15.0 5.3	16.0
21		3.2 1.6						1.0	1.3	2.0
23								•••	0.3	1.7
10 19 20 21 22 23 24 25									0.3	0.3
NG./HOUR	0.0	114.3	0.0	0.0	0.0	0.0	0.0	23.0	100.7	115.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	178	0	0	0	0	•	23	543	397
MO. CAMPLES	. 24	3	1	1	3	3	2	1	3	3

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TABLE 83 CYCLOTHONE PYGMAEA NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES PROM MED 3 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUMSET EXCLUDED

SIZE		DEF	THS SAMP	LED (#)							
••••	SURF	50	100	150	200	30ò	400	500	400	750	
10 11 12 13 14 15 16 17 18			2.0 2.0 1.0 1.0 2.0		•		:	,	0.7 1.3 1.0	0.3 1.4 4.0 10.0 9.7 6.6 5.9 6.1 0.6 1.3	
NO./HOUR	0.0	0.0	8.0	0.0	0.0	0.0	0.0	٥.0	3.0	47.0	
NO. HOURS	29:0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0	
NO. SPEC.	0	0		0	0		0	0	9	141	
NO. SAMPLES	58	. 1	2	3	2	3	3	3	3	3	

TAELE 84

ä,

CCNCSTCMA CENUCATUA			AUDIES OF TERCEPOS CAUCHT IN DISCIPLE REPTH SEPTLES FACE OF A							
512L -##	PCSTLARVAE	JUVENTURS	SLU4DLL1 FLFALFS	/CLLI FLPALCS	unstrate Malts	SUPFLICT PALES	ACULT "ALES	United Stand Ten	It IALS	
16	1								1	
TETALS	1	Ĺ	ŧ	·			č		1	

TAPLE GENESTEMA ELINGCATUS ALMOLY OF SPECIFERS CAUCHT IN LISCABLE WORTH SAMPLES FROM ME. 4 S 121 PCS1L A-VAE SLOAGLET FEMALES ADULT FL#4L65 Lastale Pales JULALULI ALLS JUVENILL S ACUL1 UNDICATED BALL 78 TCTALS :

1.51

F' 21

المراجعة المراد المسامعا ليمطران الانجادة المراجعة المراجعة المرادية المسامعات المراجعة المر

وهيلي بمبادها المستومين في فقل المكامية المستودية فلا المكامية المتاسية المكامية المكامية المتاسية المكامة المتاسية المكامة المتاسية المكامة المتاسية المكامة المتاسية المكامة المتاسية المكامة المكامة المكامة المكامة المكامة المكامة المكامة المتاسية المكامة المتاسية المكامة المك

TABLÉ 87
GONOSTOMA DENUDATUM

Ü

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

i	OAY							NIGHT						
DEPTH M	TUTAL HOURS	PUSTLARVA	NUMBER PER JUVENILE		ADULT	NUMBER Samp1		TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBER SAMP1	
SURF 1 25   50	Ì	0.0	0.0	0.0	0.0	2	0	11.9 ; 1.5 2.0	0.0 0.0 9.0	0.0 7.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	24 3 1	0
75   100	2.0	0.0	0.0	0.0	0.0	2	٥	1.0	0.0	0.0	0.0	0.0	1	0
125 I	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.3	0.0	0.0	0.0	3	ı
175   200   225   250	2.0	0.0	0.0	2.0	0.0	2	٥	3.0	0.0	0.0	0.0	0.0	3	0
275   300   325   350	7.1	0.0	0.0	0.0	0.0	2	0	1						
375   400   425   475   500	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	3.0	2	0
525   550   575-   600   625   650							1	1.0	0.0	0.0	0.0	0.0	1	o
700   725   750   775   800	       2.0	0. ა	0.0	0.0	0.0	1	0	3.0	0.0	0.0	v.o	0.0	3	0
825 850 875- 900- 925- 950	 	N-80					1		;					
975 1000		0.0	3.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 88 GONOSTOMA DENUDATUM

**4**≥

NUMBER OF SPECIPENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNSISE OR SUNSET EXCLUDED

,	OAY							NIGHT							
OEPTH M	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP		TOTAL	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP		
SURF								29.0	0.0	0.0	0.0	0.0	58	0	
25 50:		0.0	0.0	0.0	0.0	2	١٥	1.1	0.0	0.0	0.0	0.0	1	0	
75	I	• •	•				. !	1						_	
100 125	6.0	0.0	0.0	0.0	0.0	6	0	1.0	2.0	0.0	0.0	0.0	1	5	
150	1 2.0	0.0	0.0	0.0	0.0	2	0 !	3.0	0.0	0.3	0.0	0.0	3	1	
175 200	6.0	0.0	0.0	0.0	0.0		٥l	2.0	0.0	0.0	0.0	0.0	2	٥	
225	1						į	1							
250 275							i	ł							
300	1 2.0	0.0	0.0	0.0	0.0	2	o į	3.0	0.0	0.0	0.0	0.0	3	0	
325 350	1						ŀ	1							
375						_	į	1							
400 425	3.0	0.0	0.0	0.0	0.0	3	١٥	3.1	0.0	0.0	0.0	0.0	3	0	
450	1						į	į							
475 500		0.0	1.0	0.0	0.0	3	3	3.0	0.0	0.0	0.0	0.0	3	0	
525	1	•••		•••	•••	•	j	1	•	***	•••	.,	•	•	
550 575							!	1							
600	3.0	0.0	0.0	0.0	0.0	3	۰i	i 3.0	0.0	0.0	0.0	0.0	3	0	
625	!						!	1							
450 475	ì							i							
700	İ	*					. !	!							
725 750	2.0	0.0	0.0	0.0	0.0	2	اه	3.0	0.0	0.0	0.0	0.0	3	0	
775	!					_	į	!	•				-		
600 625	<b>!</b>						i	1							
850	į						į	į							
875 900	!							i			11	•	20		
925	i						j	j			<b>1</b> (	K	22		
950	!						!	ļ							
975 1000	3.0	0.0	0.0	0.0	0.0	2	o i	i							

			SAMPL	ES WITHI	1.1.50 HO	NS OF SUR	wise fw.,9	UNSEI EAU	FARER		
SIZE		DEF	THS SAMPL	ED (M)	•						
, MM	50	100	150,	200	300	400	; 500	400	750	1000	
33 34							0.3	•			
35 36 37 38 39 40 40 40 47	•						0.3			•	
39' 40							0.3		•		
<b>7</b>							0.3				
<b>57</b> .	.*.				·			0.3			
HO./HOUR	0.0	0.0	0.0 ´	•.0	0.6	0.0	1.3	0.3	0.0	0.0	
NO. HOURS	2.0	. 4.0	2.0	4.0	2.0	3.0	3.0	3.0	2.0	3.0	
NO. SPEC.	0	0	0	0	0	٥	4	1	٥	0	
NO. SAMPLES	2	6	2	•	2	3	3	3	2	2	
				•							
ABLE 90											
ONOSTOMA NIGHT	DENUDATUM		NUMB E SAMPL	R OF SPEC ES WITHIN	IMENS PER 1.50 HOU	HOUR IN S RS OF SUN	DISCRETE RISE OR S	DEPTH SAM UNSET EXC	PLES FROM LUDED	MED 2	
126		DEP	THS SAMPL	ED (M)							
MM	SURF	12	45	100	150	200	400	400	800	1000	
16					0.3						
O./HOUR	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	
IO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0	
O. SPEC.	0	0	0	0	1	•	0	•	0	0	
IO. SAMPLES	24	3	1	1	3	3	2	1	3	3	
ADLE 91											
A MOTEONOS NIGHT	DENUDATUM				IMENS PER					MED 3	
112E		DEP	THS SAMPL								
MM	SURF	50	100	150	200	300	400	500	600	750	
			1.0								
-10											
18 19 20			1.0								
-18 19 20 21 22							÷				
-18 19 20 21 22 23							:	•			
18 19 20 21 22 23 24 25							÷	•			
18 19 20 21 22 23 24 25 26 27 28							:	•			
18 19 20 21 22 23 24 25 26 27 28 29	,						÷	•			
18 19 20 21 22 23 24 25 26 27 28 29 30 31							÷				
18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33							÷	•			
18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35				0.3			÷	•			
18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	9.0	0.0		0.3	n.o		•••	0.0	0.0		
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	0.0 29.0	0.0 1.1	1.0		n.o 2.0	0.0		0.0	0.0	0.0	

TABLE	92
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<del>-</del>

1	CHTHY	BECECUS OVAT	us	NUMBER (	F SPECIMENS	CAUGHT IN CI	SCRETE CEPTH	SAMPLES F	ROM MEU 2	
	NM 12E	POSTLARVAE	JUVEN ILE S	SUBADULT FEMALES	ADULT Females	UNSTAGED MALES	SUBADULT MALES	ACULT MALES	UNDESIGNATED	TCTALS
. •	20 31 32 33 34				1	; ;				1
	35 36 CTALS	<b>c</b>	. с	٠.	1 2	0	0.	С		1 2

TABLE 93

ICHTHY	DCOCCUS OVATI	us	ALMRER C	F SPECIMENS	CAUGHT IN CI	SCRETE CEPTH	SAMPLES E	DIM MEN 2	
							JANIELS FI	NON HEU 3	
S1ZE MM	PCSTLARVAE	JUVENILES	SUBADULT FEMALES	ACULT FEPALES	LASTAGEC PALES	SUBACULT Pales	ACULT MALES	UNDESIGNATED	TCTALS
12		ž							2
13 14		1				•			1
15 16	1			, .					1
17 18		1							ī
19									
21									
20 21 22 23									
24									
26									
28				1					1
25 30				1					,
31				•					•
33									
3 <b>9</b> 35									
24:67:85012345678									
38 35				,					
37				1			•		1

THE LANGE OF THE PROPERTY OF T

TABLE 94

ICHTHYUCOCCUS OVATUS

1

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	DAY						NIGHT							
DĒPTH M	TUTAL	PJSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMPIN		TOTAL	POSTL ARVA	NUMBER PER JUVENILE		ADULT	NUMBER SAMP1	
SURF 25		0•1)	0.0	0.0	0.0	2	0	11.9	0.0 0.0	0.0 0.0	U.0 0.0	0.0	24 3	0
50	İ						i	2.0	0.0	0.0	0.0	0.0	ĩ	ŏ
75 100		0.0	0.0	0.0	0.0	2	0 1	1.0	0.0	0.0	0.0	0.0	1	0
125	i					_	Ì	1					-	
153 175		0••)	0.0	0.0	0.0	1	υļ	3.0	0.0	0.0	0.0	0.0	3	0 -
200	2.0	0.0	0.0	0.0	0.0	2	o i	3.0	0.0	0.0	0.0	0.0	3	0
2/5							!	!	•					
250 -275							i	-						
300	1 2.0	0.0	0.0	0.0	0.0	2	0 1	į						
325 350							ŀ	1						
375	1.						i	i .						-
400 425		6.0	0.0	0.0	0.7	3	2	1 2.1	0.0	0.0	0.0	0.0	2	0
450	İ						i	i						
475 500							!	. !						
525							ì	i						
550							į	ļ						
<b>57</b> 5								1.0	0.0	0.0	0.0	0.0	1	Ô
625	i						į		•••			.,,,,	•	-
650 675								1						
700	İ						i	i						-
7/5								!!						
750 775							1	1						
-800	1 2.0	0.0	ŧ/• C	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
825 850							1	<b>!</b>		•		•		
875	i						i	i						-
900 925								1						-
950							i							
975	1						_ [					<u> </u>	_	_
1000	1.0	0.1	7. C	0.0	0.0	<u>1</u>	ا ن 	3.0	0.0	0.0	0.0	0.0		0

TABLE 95 ICHTHYDCUCCUS OVATUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNKISE OR SUMSET EXCLUDED

موهق المقاول المقاول المعاول معاول المقاول المعاول المقاول المعاول المقاول الم

	DAY							NIGHT							
OEPTH M	TOTAL HJURS	PJSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER		TOTAL HUURS		NUMBER PER JUVENILE		ADULT	NUMBER		
SURF								29.0	0.0	0.0	0.0	0.0	58	0	
25 50	   2.0	0.0	0.0	0. Ö	0.0	2	٥	1.1	0.0	0.0	0.0	0.0	1	ō	
75 100	! ! 6.0	0.0	2.0	0.0	0.0	6	0	1.0	0.0	0.0	0.0	0.0	1	e j	
125 150		ō.o	0.0	0.0	0.0	2	0 I	3.0	0.0	0.0	0.0	0.3	3	1	
=175 200	1	0.0	0.0	0.0	0.0		١	2.0	0.0	0.0	0.0	0.0	2	0	
225 250	İ	000	•••		•••		Ĭ							j	
275	Ì	0.0	0.0	0.0	0.0	2	, i	3.0	0.0	0.0	0.0	0.0	3	0	
300 325	į.	0.0	0.0	0.0	0.0	•	Ĭ	""	0.0	3.0	•••	00.0	-		
350 375	i					_		1							
400 425	I	0.0	0.0	0.0	0.7	3	2	3.1	0.0	0.0	0.0	0.0	3	t)	
450 475								ļ					_		
500 525		C•0	0.3	0.0	0.0	3	1	3.0	0.0	1.0	0.0	0.0	3	3	
550 575	Ì						1	1						1	
600	3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0	
450	1						į	į							
675 700	1						į	i							
725 750	1 2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0	
775 -800-	1						ļ								
825 850								<b>!                                    </b>							
875 900											<b>F</b>	6	_		
923	į							1			•	2	)		
975 1000		0.0	0.0	0.0	0.0	2	0								

TABLE 96

ICHTHYOCOCCUS OVATUS	NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2	
DAY	SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED	

SIZE .		DEP						
HH	SURF	100	150	200	300	400	800	1000
30 31 32 33 34						0.3		
35 36						0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	0	2	0	0

TABLE 97

ICHT HYOCOCCUS	GVATUS	NUMBER OF SPECIMENS PER HOUR IN: DISCRETE DEPTH SAMPLES FROM MED 3
DAY		SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (M)						
MM	50	100	150	200	300	400	500	600	750	1000
16 17 18 19		•					0.3		0.5	
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37										
26 27 28 29						0.3				
30 31 32 33 34		`				0.3				
36 37 38 39						0.3				
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.5	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	2	1	0	1	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

1<del>).</del> Table 98

| **|**|"1

ICHTHYOCOCCUS QVATUS	NUMBER OF SPECIMENS PER HOUR IN DISCRETE QEPTH SAMPLES FROM MED 3 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEF	THS SAMPL	.ED (M)						
•	SURF	50	100	150	200	<b>30</b> 0	400	500	400	750
12								0.7		
14 15								0.3		
16										
18	:				. ,					
20 21 ·	į									•
12 23										
24 25										
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	•	,		0.3						
NO./HOUR	0.0	0.0	-0.0	0.3	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	0	1	0	0	0	3	0	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TAPLE 99

RAUMUL	ICUS MUELLER	1	ALPBER I	T SPECIFENS	CAUCHI IN EI	ISCHETE CEPTE	SAMPLES F	ROM MED 2	
SIZE	POSTLARVAF	Juven Ile S	SUBACULT FEPALES	ACLET FEMALES	UNSTRUEL MILES	SUEACULT PALES	ACULT MALES	UNDE SIGNATE	1. TAUS
17								1	ı
18									
15	_								
20	•								
22			1						
20 21 22 23 24 45 26 27 28 29			•						•
24									
45									
56						•			
27									
20									
30			1						1
. 31			•						-
,30 . 31 . 32	_				ı				1
TCTALS	. c	c	2	c	1	ð	c	1	4

MAUROLICUS HUELLERI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED ? SAMPLES WITHIN 1.50 HOURS OF SUMRISE OR SUNSET EXCLUDED

	!		D	AY	_		ļ.	!		NI	GHT			
EPTH M	TOTAL HOURS		NUMBER PER JUVENILE		ADULŢ	NUMBER SAMPII		TOTAL		NUMBER PER JUVENILE		ADULT	NUMBE SAMP	
SUR F 25	ĺ	0.0	0.0	0.0	0.0	2	0	11.9	0.0 0.0 0.0	0.0 0.0 0.0	7.0 0.0 0.0	0.0 0.0 0.0	24 1	
100	j 2.0	0.0	0.0	0.0	0.0	2	إه	1.0	0.0	0.0	1.0	٥.٨	•	
125 150	1 1.0	C.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	010	3	,
175 200 225 250	l 2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	
275 300 325 350	1 2.0	0.0	0.0	0.0	0.0	?	٥	} !						
375* 400 425 450 475 500 525	1 3.0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0	2.0	0.0	0.0	3	0	2.1	0.0	0.0	۰۰0	0.0	2	
550 575 600 625 650 675 700	1 1 1 1							1.0	n <b>,</b> 9	0.0	e•0	g. C	1	
725 750 775 800 825 850 875 900 925	1 2.0	0.0	٥.٥	<b>0.0</b>	0.0	1	0	3.0	<b>v.</b> 0	0.0	0.0	0.0	3	
950 975 1000	1	0.0	0.0	0.0	ე. ა	1	,	3.0	9.0	0.0	^.0	0.0	•	

TABLE 101										
MAUROLICUS Night	MUELLERI		NUMB E Sampl	R OF SPEC ES WITHIN	IMENS PER 1.50 HOU	HOUR IN	DISCRETE RISE OR S	DEPTH SAM UNSET EXC	PLES FROI LUDED	I MED 2
SIZE MM		OEP	THS SAMPL	ED (#)						
ля	SURF	12	45	100	150	200	400	600	800	1000
17 18 19 20			0.5							

20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30				1.0						
31										
22 23 24 25 26 27 28 39 30 31				1.0						
NO./HOUR	0.0	0.0	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0
						_				
NG. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
				_	_	_	_		_	_
NO. SPEC.	0	0	1	2	0	0	0	٥	0	0
					_	_	_	_	_	_
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TAPLE 102

VINCIG	ERRIA ATTEN	UATA	NUPBER C	F SPECIPENS	CAUGHT IN CI	SCRETE CEPTH	SAPPLES FE	ROM MED 1	
SIZE	PCSTLARVAE	JLVENILE S	SIBADLLT FEMALES	ACULI FEPALES	UNSTAGEE PALES	SUBACULT PALES	ACULT MALES	UNDESIGNATEL	TUTALS
12 12 14 15 16 17 18 19 20 21	1 1 1 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1C 5 1	1 1			1		;	1115522
16 17 18 19 20 21 22 22 24 25 26 27 28 29 30 31				1					1
CIAIST	10	<i>i</i> 1	•	1		1	c	·	<b>2</b> ~

TABLE 103

VINCIG	JERRIA ALIEN	UATA	ALMORE OF SPECIMENS CAUCHT IN CLINICATE LEMTH SIMPLES FROM MUL 2								
312E ##	FOSTLARVAE	JUVen ILES	St-Autti Fratts	PERALES	tompet pales	SUEALLLT MALLS	ACLLT MALES	LNCESIGNATED	TO TAL:		
11		1							1		
12 13	,	i							,		
14 .	į	15	1			2					
15	a i	24	5						٤.		
16	I 1	14	1			•		4	4 >		
17	£	:	٠,٢			1.2		. 4	48		
18	2		\$			ל 2		1 2	23 11		
19 20			,			7		1	16		
21			á			2		•	.:		
21 22 ~ 23 24 25			ī			1			2		
23											
24			į.			4			4		
25			1						1		
26 27			~					•	4		
28								•			
28 29 30			,				3	*	5		
30							1	, 1	2		
31			1					,	1		
32			1				4	•	4		
34				1					۲		
32 32 34 35											
36				τ					4		
TOTALS	45	65	63	3		5c	7	13	260		

TAELE	104								
VIŅČĪG	UERRIA ATTEN	LATA	NLPBER (	F SPECIFERS	CALCHT IN CI	SCHETE DEPTH	SAMPLES FI	KUM MED 3	
SIZE MM	POSTLARVAE	JUVENILES	SUBACULI FEMALES	ACULT Females	UNSTAGEC PALES	SUBACULT PALES	ACULT MALES	UNCESIGNATED	TCTALS
10 11 12 14 15 17 18 19 12 12 12 22 24 24 25 27	1 1 6 4 5 17 16 5	4 1 1 13 15 16 11 10 7 5 1	1 2		,	1 1 1			5247E3E5E61122
27 28 29 30 31 32				1			3		4
31 32				1			1		2

TARLE	105								
-	UERRIA ATTEN	UATA	ALMSER C	F SPLC1#EN:	CAUGHT IN CE	schule upple	SAMPLES F	PJ4 AF6 4	
SIZE,	PCSTLARVAE	JUVENILES	Sthadul T FFMalf S	AULLI FERALES	DKSTREEL PALES	SJUALULE MALLS	ALLL1 WALES	unce stamated	TETALS
12 14 15		1 4 2							1 4 2
16- 17 18 -19		ž	1 3			1			2 1 4

TCTALS

TCTALS

TARLÉ	106								
VIAC IGU	LARIA ATTEN	ATAU	NUMBER (	CF SPECIPENS	CALCET IN CI	SCALTE CEPTH	SAMPLES H	tum men 5	
S12E	PCSTLARVAE	JUVEN ILE!	SUBAULLT FÉPALES	AULLI FEPALES	UNSTAGEC PALFS	SUBACULT MALES	ACULT MALES	UNCESTIGNATED	ICTALS
11		1							1
11 12 13 14 15 16 17		6 6 5 1 2							£ 5 5 1 2
19 20		1				2			3
18 19 20 21 22 23 24 25 27			1			1 1 1			1 1 1
26 27 28			1 1	•				•	1
TCTALS	1	25	3	r	;	5	c	<b>:</b>	3 દ

TABLE 107
VINCIGILERIA ATTERUNTA

43

NUMBER OF SPECIPERS PER HOUR IN DISCRETE BENTH SAMPLES FROM MED. I SAMPLES WITHIN 1-50 MOUNS OF SUBJECT OF SUBJECT EXCLUDED.

		υ	AY			i	į		N I	GHT			
1.14L 4.0.5		JUVITILL JUVITILL	HUUR SCHALULT	AUULT	AUMUEI SappI	NOIV.	TOTAL HOUS	PUSTL AKVA	NUMBER PER JUVENILL		ADULT	NUMBER SAMP1	
						i i	1.1	0.0 0.3 1.0	0.0 0.7 0.6	0.0 0.0	0.0 0.0 0.0	2 1 1	
••	***	• •	(+0	٠.	3	^	3.0	0.3	Ç.a	۰• ن	c.o	3	
:•		د.		740	2	1	1 3.9	v.0 v.v	0.6 3.3	5.7	0.0	1	
5.		,, ,	*•3	٠.٠	٤	2	j	0.,)	2.3	17.3	0.0	3	
2.	•	<b></b>		3.1	,	1>					·		
		•	• •	he <b>o</b> o	3	1	1	(ده .	U.0	6.6	<b>v.</b> r	ş	
						! ! !							
٠.	•		<b>,,</b>	•)	4	! !							

TABLE 108
VINCIONER LA ATTENUATA

NUMBER OF SPECIFERS PER HIVER IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OF SUNSET EXCLUDED

-	• !		υ	AY			·!	!		NI	GHT			!
	TOTAL HOURS	Pi)STL AR VA	NO 13ER PER JUVENILE		AUULT	NUPHE		TOTAL HJUKS		NUMBER PER JUVENILE		ADULT	NUMBER	
SU4F 25 50	; 	٥,)	٥٠٠	0.0	3.)	2	3	1 1.5	0.0 0.0 15.0	0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.5	24 3 1	0   31
75 10a 123	1 2.0	0.5	0.0	0.0	0.5	2	2	1.0	0.0	0.0	2.0	4.0	1	6
153	1.0	¢. `	0.0	0.5	0,0	1	0	3.0	1.0	C.7	3.7	1.3	3	20
201 225 250	2.0	5.3	0.0	0.0	0.1	2	υ	3.0	2•7	4.0	12,3	1.0	3	54
275 370 375 350	1 2.0 1	6.0	25.5	18.5	0.0	2	88	 						
375 490 475 450 475 500	! ! 3.0 !	0.3	3,0	0.7	0.7	3	14   	   2.1   	0.5	\$.0	2.0	0.0	2	15
5/5 550 5/5 600 6/5 659 675	         						             	1.0	4.0	1.0	G.O	<b>c.o</b>	ı	5
720 725 750 775 800 825 850	! ! ! 2.)	0.5	1.6	0.5	G. )	1	4	3.0	C•0	0.3	0.0	0.0	3	1
875 900 925 950	i i i						; ;				r	!	31	i 1 1
1000	1	0.)	n.c	0.0	2.0	1	0	1 3.0	0.0	0.7	0.0	0.0	3	0

\*

TABLE 109 VINCIGIFRAIA ATTENUATA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MFD 3 SAMPLES WITHIN 1.50 HOURS OF SUMRISF UR SUNSET FXCLUDED



- [			D	AY						NI	GHT			
H į	TOTAL HOURS	PUSTL ARVA	NUMBER PER JUVENSLE	HOUR SUBADULT	ADULT	NUMBER SAMP1		TOTAL	PUSTLARVA	NUMBER PER JUVENILE	HOUR SURADULT	ADULT	NUMBE SAMP	
F							!	29.0	0.0	0.2	0.0	0.0	58	0
ءَ ا		0.0	0.C	0.0	v.0	2	o i	1.1	5.5	0.0	1.0	0.0	1	6
í i	6.3	2.5	0.2	0.2	0.0	6	17	1.0	0.0	0.0	2.0	0.C	1	2
1	2.0	0.0	0.0	0.0	0.3	2	٥	3.0	0.0	0.3	1.0	1.0	3	7
5   5   5   6		0.0	0.0	0.0	0.0	6	0	2.1	0.0	1.0	1.0	0.0	દ	4
5   5   5	2.0	. 0,7	4.0	0.5	0.0	2	9	3.0	0.0	7.0	2.7	0.3	3	27
5 i 2 i 5 i 5 i	3.0	0.0	4.0	1.7	0.3	3	19	3.1	0.0	2.0	1.0	0.0	3	6
	3.0	0.0	4.0	0.7	0.3	1	16	3.0	0.0	2.7	0.3	0.0	3	9
	3.0	. 3.3	1.0	0.0	0.0	3	13	٥٠٤	3.0	0.0	0.0	0.0	3	9
	2.0	0.0	0.0	0.0	0.0	2	n	3.0	9.0	<b>0•</b> 9	0.0	0.0	3	0
		Ç. )	0.0	0.0	0.0	2	0							

TABLE 110 VINCIGUENRIA ATTENUATA

NUMBER OF SPECIMENS PEN HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNSISE OR SUNSET EXCLUDED

	) 		0/	\Y						N 1	GHT		
DEPTH M	TOTAL HOURS	POSTL ARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAMPINDI	٧. ا	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HUUR SUBADULT	ADULT	NUMBER OF SAMPINDIV.
SURF							ij	i i					
50   75							ļ	1					
100	)						- 1	1					
150   175							-						
200	ı						-	1					
250 275	ł						ļ	!					
300 325	!						-	1					
350 375	! !						ļ						
400	İ						į	į					
450 475	1.0	0.0	5.0	2.0	0.0	1	, i	i					
500 525 550	1	0.0	7.0	2.0	0.0	•	ij	į					
575 600							į	İ					
425 450	i						į	İ					
475 700	ı	0.0	0. C	0.0	0.0	1	٠i	į					
725 750	1	•••	•••	000	***	-	1	İ					
775 800	1						İ	Ì					
825 850	1						į	}				es e.	
975 900	1						Ì				" /	32	
925	1						į						
975 1000	1						- 1	1					

TABLE 111
VINCIBUERRIA ATTENUATA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FRUM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUMRISE OR SUNSET ENCLUDED

		D.	AY			į	!		N1	GHT			NUMBER OF MPIMDIV.  15		
TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBEI SAMP1	OF J	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ACULT	NUMBER SAMP	L OF		
		· <del>**** *******</del>	<del></del>				7.8	0.0	0.0	0.0	0.0	15	0		
						į	1.0	0.0	0.0	0.0	0.0	1	0		
						į	1.0	0.0	0.0	3.0	0.0	1	3		
٠.	0.0	1.0	0.0	0.0		. !	1.0	0.0	0.0	0.0	0:0		0		
1.0	0.9	1.0	0.0	0.0	1	1!	1.0	0.0	0.0	2.0	0.0	•	•		
1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	5.0	1.0	0.0	1	6		
						i	1.0	0.0	0.0	0.0	0.0	1	•		
1.0	0.0	0.0	0.0	0.0	1	0	1								
1.0	0.0	0.0	0.0	0.0	1	١٥	1.0	0.0	3.0	1.0	9.0	ı	4		
.0	0.0	1.0	0.0	0.0	1	1		• •					•		
							1.0	0.0	2.0	1.0	0.0	1	*		
						į	į								
2.0	0.0	0.0	0.0	0.0	2	٥	į								
					_	į	1								
						i	-								
							1								
						İ	1								
						1	1								
						į	-								
						į	į								

TABLE 112

VINCIGUERRIA ATTENUATA SUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	.ED (M)		
MM	150	235	375	500	700	940
13 14 15 16		C-5	0.3	2.5 2.0 0.5		
17 18			C. 3			
NC./HOUR	C.O	0.5	0.7	5.C	0.0	0.0
NO. HOURS	3.0	2.C	3.0	2.0	3.0	3.0
NO. SPEC.	0	1	2	10	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 112A
VINCIGUERRIA ATTENUATA
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEF	THS SAMPL	(4) d3.				
***	SURF	100	150	200	300	400	800	1000
12					0.5	0.3		
13 14					2.0	0.3		
15					4.5	0.3	1.0	
16		0.5			9.5 9.0	1.3		
17		•••			10.5		0.5	
-1.0					2.5		0.5	
19					3.0	0.3		
20					1.0			
22					0.5 1.0			
20 21 22 23 24 25 26 27 28 29								
24								
25								
20						0.3		
28								
29						0.3		
30		0.5						
31								
32						0.3		
NO./HOUR	0.0	1.0	0.0	0.0	44.0	4.7	2.0	0.0
NG. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	88	14	4	0
NO. SAMPLES	2	2	1 -	2	2	3	1	1

TABLE 113

VINCIGUERRIA DAY	ATT ENUATA		NUMB E Sampl	R OF SPEC ES WITHIN	IMENS PER 1.50 HOL	HOUR IN	DISCRETE IRISE OR S	DEPTH SAM Unset exc	PLES FROM	HED 3
SIZE MM		DEP	THS SAMPL	ED (#)						
	50	100	150	200	300	400	500	600	750	1000
10 11 12		0.2 0.2 0.7	•				0.3 0.3 0.7	1.0		
13		0.7			0.5	0.7				
14		0.7			1.5	0.7	1.7	0.7		
12		0.3			1.0	1.7	1.0	1.6		
17					1.0	1.0		1.0		
ii						0.3	0.3			
19		0.2			0.5	***	0.3			
-20							0.3			
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28										
25 26										
27 28						0.3	0.3			
NO./HOUR	0.0	2.8	0.0	0.0	4.5	6.0	5.3	4.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	4.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	17	0	0	•	16	16	13	0	0
	•		•		,	•	•		•	•

Manda of the analysis

TABLE 114

VINCIGUERRIA ATTENUATA NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SURRISE DR SUNSET EXCLUDED

SIZE		DEPTHS SAMPLED (	M
HH	500	700	
13 14 15 16	1.0 2.0 2.0		
18 19	2.0		
NO./HOUR	7.0	0.0	
NO. HOURS	1.0	1.0	
NO. SPEC.	7	0	
NO. SAMPLES	1	1	

TABLE 115

語はいれたいなどがは、世界のというなどを表現を表現しているというないできません。そのできないというないできょうないというないできませんがある。これではないできません。これでは、これでは、これでは、これでは、

VINCIGUERRIA ATTENUATA NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
DAY SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (P)		
MM	160	250 ,	340	410	495	675
13 14	1.0					
· 15					1.0	
NO./HOUR	1.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	1,0	1.0	1.0	1.0	1.0	2.0
NO. ŠPEC.	1	0	0	0	1	0
NO. SAMPLES	1	1	ı	1	1	Ž

TABLE 116

VINCIGUERRIA ATTENUATA AUPBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUMMISE OR SUMSET EXCLUDED

SIZE		, DEP	THS SAPPL	ED (+)					
AM	25	40	70	150	190	235	400	700	
13 14							1.3		
15 16 17			1.0	0.3		0.3			
19 20 21							0.3		
22						0.3			
24 25 26						0.3			
13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33									
32 33						0.3			
NG./HOUR	c.c	0.0	1.C	C.3	0.0	1.3	2.7	0.0	
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.G	
NO. SPEC.	C	C	1	1	0	4	•	0	
NO. SAMPLES	2	1	1	3	1	3	3	3	

خاصف لأيولا يبقيه يحيخ إلياف استطوب فيه الأنائج فيقاد بالمائية والميطيعة المؤيدة بالمعارس مد استاريتها وأديده المناف الدائية المائية الإسلاماتها

12E MM		DEP	THS SAMPL	ED (#)							
	SURF	15	45	100	150	500	400	600	800	1000	
13 14			1.5				2.5	1.0	0.3		
16			4.5		0.3	1.7 3.0	1.5	4.0			
18			2.0 0.5		1.0	3.7 3.7	1.0				
20				1.0	1.3	1.3	0.5				
55					0.7	0.3	1.0				
15 16 17 18 19 20 21 22 23 24 25 26 27				1.0		1.3					
26				1.0	0.3						
28 29			0.5		0.7	0.3					
30 31			0. 7		0.1	0.3					
32				1.0	0.3	0.3					
33 34 35				•••	<b></b>						
34				1.0							
iO./HOUR	0.0	0.0	15.5	6.0	6.6	18.0	7.4	5.0	0.3	0.0	
IO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0	
O. SPEC.	0	0	31	6	50	54	15	5	1	0	
O. SAMPLES	24	3	i	1	3	3	2	1	3	3	
ABLE 118											
INC I GUERRIA NIGHT	ATTENUATA		NUMB E SAMPL	R OF SPEC	IMENS PE	R HOUR IN	DISCRETE IRISE OR S	DEPTH SAM SUNSET EXC	IPLES FRO	M MED 3	
11ZE		DEF	THS SAMPL	.ED (#)							
MM	SURF	50	100	150	200	300	400	500	600	750	
12						1.0		1.0			
13 14						2.7 2.7	0.3		0.7		
15 16		0.9		0.3	1.0	0.3	0.3	0.3	1.3		
17 18 19		5.8	1.0	1.0	1.0	0.3	0.7	0.3			
20						0.3					
22			1.0			0.3	0.3				
24						0.5	0.3				
20 21 22 23 24 25 26 27 28 29											
28				0.3		0.3					
30 31											
32				0.7							
10./HOUR	0.0	5.5	2.0	2.3	2.0	9.0	2.0	3.0	3.0	0.0	
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0	
WO. SPEC. "	0	6	2	7	4	27	•	•	9	0	
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3	
TABLE 119											
VINCIGUERRIA NIGHT	ATTENUATA		NUMBE SAMPL	ER OF SPEC Les within	CIMENS PE N 1.50 HU	R HOUR IN URS OF SUI	DISCRETE IRISE UR S	DEPTH SAI SUNSET EXC	MPLES FRU LUDED	M MED 5	
SIZE MM		DE	PTHS SAMPL	.ED (M)							
	SURF	50	80	135	155	250	325	425	510		
13 14	•					1.0		1.0	1.0		
14 15 16 17						2.0		1.0	1.0		
17 18 19			2.0					1.0			
20			1.0		1.0				1.0		
21 22						1.0				les =	_
23 24					1.0					ř /	3
NG./HOUR	0.0	0.0	3.0	0.0	2.0	4.0	0.0	4.0	3.0		
10. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		

The Control of the Co

U

TABLE	120								
VINLICE	JESPIA PCATA	.41	NEP TER (	if Stectours	Links in El	scorft terlt	SAMPLES FO	E stan be	
\$1 <b>2</b> t	PUSTE#FVAE	JUVEGILLE	Stoagtt 1 Flants	/BLL1 HF#ALLS	bhilte Pales	sJu≱t oL1 Valta	ACULT FAL(S	unde \$1500 le i	!L1ALS
5 1) 11 12 13 14 15 16 17 17 17 17 22 22 24 24 25 27 28 29 29	1	100	; ! !	; 1 í		1 4 ?	2		1 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TETALL	:5	24	•	3		7	٠ .	r	16

TARLE	121								
V INC ICO	JERFIA PCWEA	IAE	NL#NE#	CF SF-6141.	CAUCHT IN LE	strutt tidit	31.82F5 F	(i, 1 · to 4	
SIZE	PCSTLAKVAE	JUVENILES	STAARTET Fr MALES	naul1 t. Files	UNSTACO.	35121513 3267	ALGET MALES	bsi - Stestifea	16 Tals
14 15 16 17		•							;
18						1			1
TCTALS	c	16				1		•	11

TARLE	122										
VINCIC	JERRIA PCWER	IAG	ALFRER (	ACMBER OF SPECIMENS CAUCHT IN GISCHIEF GEFTE SAMPLES FROM MED 5							
9115 115	PCSTLARVAL	JUNEN 1162	Stradel 1 Fefales	ACLLI Fifalts	UNSTRUEF PRES	SUFFERENCE MALES	ACULT AALES	Looks Isna Ito	TETALS		
12 14 15	1	3 2							2 3 6		
16 17 18	·	i	1			3		1 1	2		
19 20			1			1			ž		
TOTALS	2	11	3	•		5	ε	2	23		

TABLE 123 VINCIGUERRIA PUMERIAE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNKISE OR SUNSET EXCLUDED

Ì			D	AY						NI	GHT			
th i	TOTAL HOURS	PJSTLARVA	NUMBER PER		ACULT	AUMBE SAMP	H OF	TOTAL	PUSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP	
JRF   25								24.0	C•0	0.0	0.0	0.0	58	0
50 j	2.0	0.0	0.0	0.0	0.0	2	٥	1.1	0.9	0.0	9.2		1	13
105 j 125 j	6.3	0.7	0.0	0.0	0.0	6	4	1.0	0.0	0.0	0.0	1.0	1	1
150 I	2.0	0.0	0. C	0.0	0.0	2	J	3.0	0.0	0.0	0.0	0.0	3	0
200   225   250	6.0	0.0	0.0	0.2	0.0	6	1	2.0	0.5	0.0	0.0	0.0	•2	1
275   300   325   350	2.0	0.0	.0.0	<b>c.</b> 0	0.0	2	<b>3</b> [	3.0	0.0	0.7	11.0	0.0	3	2
375   400   425   450	3.0	0,0	0.0	r•0	0.9	3	0	3.1	0.0	0.1	<b>9.0</b>	0.0	3	0
675   500   525   550	)	1.3	3.3	C. O	0.0	3	14	3.0	ი•ი	<b>a.</b> n	0.0	0.0	3	0
575   500   525   550   575	3.0	0.9	0.0	0.0	0.0	3	0	3.0	2.0	0.0	n.o	0.0	3	•
750   175   100   125   150	2.0	0.0	0.0	0.0	0.0	2	1	3.0	0.0	0.0	9.0	0.0	3	c
00   25   50   75		0.0	0.0	0.0	0.0	2	0						*****	

TABLE 124 VINCIGUERKIA POWEKIAE

NUMBER OF SPECIMENS PER HOUR IN JISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNNISE OK SUNSET EXCLUDED

	 		0	AY					***********	N1	GHT		
EPTH M	TOTAL HOURS	PiJSTL ARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAPPINDIV		TUTAL HJURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAMPINDIV.
SURF	!						H			*********			~~~~~~
25 50							11						
75 100	İ												
125													
175							H						
225	į						Ш						
250 275							11						
300 325	<u> </u>						! !						
350 375	į												
400	į						ij						
425 450							11						
475 500	1.0	0.0	6.0	0.0	0.0	1 6	11						
525   550	Ì												
575	ĺ						H						
400 425	i						H						
530 675	1						11						
700 725	1 1.0	0.0	0.0	0.0	0.0	1 0							
750 775	İ						ij					455	
800	İ						ij			1	3	8	
850	i												
875 900	! i						11						
925	İ						İİ						
975	l						ij						
1000	l						1 1						

TABLE 125 VINCIGUERRIA POWERIAE

TO THE PROPERTY OF THE PROPERT

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## NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUMMISE OR SUNSET EXCLUDED

		Di	AY			i	ļ		1K	GHT			
TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBER SAMP		TOTAL HOURS	AVRAJTZOS	NUMBER PER JUVENILE		ADULT	NUMBER	
							7.8	0.0	0.0	0.0	0.0	15	0
						į	1.0	0.0	0.0	0.0	0.0	1	0
						į	1.0	0.0	7.0	0.0	0.0	1	,
1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0 0.0	0.0	0.0 2.0	0.0	. 1	2
1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	ď
1.0	0.0	0.0	0.0	0.0	1	٥	1.0	0.0	0.0	0.0	0.0	1	•
1.0	0.0	0.0	0.0	0.0	1	٥	1.0	1.0	0.0	0.0	0.0	1	1
1.0	0.0	0.0	0.0	0.0	1	0	1.6	0.0	0.0	0.0	0.0	1	(
2.0	0.0	0.0	0.0	0.0	2	0							
						1							
						; ;							
						!							

TABLE 126										
VINCIGUERRIA DAY	POWERIAE							DEPTH SAM SUNSET EXC		1 NED 3
SIZE		DEP	THS SAMPL	ED (#)						
777	50	100	150	200	300	400	500	600	750	1000
12 13		0.2					0.3 0.3 2.3			
15 16		0.2					1.0			
12 13 14 15 16 17 18 19 20 21		0.2								
20 21				0.2						
NO./HOUR	0.0	0.7	0.0	0.2	0.0	0.0	4.7	0.0	0.0	0.0
NO. HOURS	2.0	4.0	2.0	4.0	2.0	3.0	3.0	3.0	2.0	3.0

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TABLE 127

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VINCIGUERRIA: POWERIAE NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4

DAY SAMPLES WITHIN 1.50 HOURS OF SUNSET EXCLUDED

SIZE MM		DEPTHS SAMPLED (M)
	500	700
14 15	3.0 3.0	
NU./HDUR	6.0	0.0
NO. HOURS	1.0	1.0
NO. SPEC.	6	0
NO. SAMPLES	1	1

TABLE 128

VINCIGUERRIA POWERIAE NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEFTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE	DEPTHS SAMPLED (M)										
****	160	250	340	410	495	675					
17		1.0									
NO-/HOUR	0.0	1.0	0.0	0.0	0.0	0.0					
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0					
NO. SPEC.	0	1	0	0	0	0					
NO. SAMPLES	1	1	ì	3	1	,					

TABLE 129

VINCIGUERRIA POWERIAÉ NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 NIGHT SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (#)						
MM	SURF	50	100	150	200	300	400	500	600	750
9					0.5					
9 10 1 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 27										
4.2 13						0.3				
14		G.9				0.3			0-7	
16									0.7	
17 18										
19		0.9 2.8								
21		2.8 1.5								
28		1.5 0.9								
24		0.9								
25		•••	1.0							
26										
27										
25		0.9								
NQ./HOUR	0.0	12.0	1.0	0.0	0.5	0.7	0.0	0.0	2.0	0.0
NO. HOURS	29.0	1-1	1.0	3.0	2.0	3.0	1.1	3.0	3.0	3.0
NO. SPEC.	0	13	1	0	1	2	0	0	6	0
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 130

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VINCIGUERRIA POWERIAE NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

S121 MH		DEP	THS SAMPL	ED (M)					
	SURF	50	60	135	155	250	325	425	510
13			1.0						
14 15			1.0 5.0					1.0	
16 17 18					1.0				
NO./HOUR	0.0	0.0	7.0	0.0	2.0	0.0	0.0	1.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	o	o	7	0	2	U	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

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AFGYETPILLEGO, BENINY FROS

SUMBER OF SPECIMENS FOR HOUR IN DISCRETE DEPTH SAMPLES FROM AED. I SAMPLES WITHIN 1.50 HOURS OF SUMBLES OF SUBSET EXCEDDED.

		J	AY				!		NI	uHT			
1-iL U≺,	، ۱۷ ما د د د	Juv. netti		AOULT	AUP.::+ >APP1	olv.	1-TAL	₩JSTLAKV1	NUMBER PER JUVENILL	HJUR SUAAJULT	ADULT	NUMBE SAMP	
						i ! !	1 1.1	• 1	v. ?.: c.	6.0 1.0 .5	0.6 0.0 1.0	2 1 1	0 0 1
••	•	• •		3		- 1		•	3.5	,	6.3	3	1
								•	:.:	u.,	2.0	ı	2
٠	•	* * *		• 1	2		١.,	•	٤.	i.	7.7	3	27
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SUMBER OF SPECIMENS OFR HOW THE DISCRETE DIPTH SAMPLES FROM MED - 2 SAMPLES WITHIN 1.50 HOURS OF SOMETER OF SUMBET EXCLUDED

Ì	 		()	AY						41	GHT			
IEPTH	T "TAL LIUKS	P >1L4 <v1< th=""><th>4315FR 262 30VE+1UF</th><th></th><th>AGULT</th><th>AUMHFF SAMP1</th><th></th><th>TOTAL HOURS</th><th>PI.STL AFVA</th><th>NUMBER PER</th><th>HEIUR SUBADULT</th><th>AUUL T</th><th>NUPRE SAMP</th><th></th></v1<>	4315FR 262 30VE+1UF		AGULT	AUMHFF SAMP1		TOTAL HOURS	PI.STL AFVA	NUMBER PER	HEIUR SUBADULT	AUUL T	NUPRE SAMP	
SUHF   25   50	l	( , )	1.6	ប.្	a.o	2	0	11.7	6.0 6.0 6.0	0.9 0.0 0.0	0.0 0.0 9.0	0.1 0.0 0.0	24 1	1 0 0
75   12`	2.0	6.,	9.1	0.0	u.1	2	0	1.0	٥.6	0.0	0.0	0.0	1	c
125	1.0	ι.	U. r	1.0	4.,	1	١, ١	3.0	0.0	0.0	1.0	0.0	3	3
175   205   225   250	2	ů. ·	(	0.0	1.1	\$	5	3.0	ი.ე	9.0	₽•6	1.3	3	4
275   300   325   350		:•>	3.5	0.0	0.0	2	4   4   	!						
375   460   425   450   475   500	3.)	2.7	n. 0	0.7	6.0	3	28   	2.1	8.8	0.5	c.5	7.4	2	36
525 550 575 600 625 650 675	 							1.0	0.0	0.0	0.0	0.0	· ι	o
725 750 775 900 825 850	 	n.s	0.0	0.0	0.0	1	ı	300)	c.7	0.0	9.0	0.0	1	o
975 900 975 950	! ! !										7.	•	43	
975	l	۷,۱	۰.0	0.0	2.7	ı	<b>1</b>	1 3.0	0.0	0.0	7.0	0.7	3	2

TABLE 138
ARGYMOPELECUS HENIGYMNUS

AUMBER IP: SPECIMENS PER HOUR IN DISCRETE JEPTH SAMPLES FROM MED. 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE JR SUNSIT EXCLUDED

			0	AY			!	!		111	4HT			
DEPIN	FOTAL ENUMS		NUMBER PER JUVENILE		ADULT	AUMH( 544P		TOTAL	POSTLAKVA	NUMBER PER JUVINILE		ADULT	NUMBE	
\$U4F 25								29.0	0.0	υ.υ	٥.0	0.0	58	0
50	2.0	0.0	0.0	0.0	0,0	2	υį	1 1.1	J.0	J. U	<b>U.</b> 0	0.0	ı	0
75   100	6.0	0.0	0.0	0.0	0.0	6	0	l   1.0	0.0	J. 0	v.s	٥.0	1	o
125   150		0.0	0.0	0.0	0.0	2	0 1	3.0	u.u	J. 0	0.0	<b>0.</b> J	3	o
175   200		0.0				_	i	i					-	j
225	1	11.17	0.0	0.0	0.0	6	0 1	1 2.0	٠.١	0.0	0.0	J.5	2	1
250   275								1						
300   375		0.0	0.5	0.0	0.5	2	2 j	3.0	3.0	V. 3	1.3	2.3	3	12
350	i						i	1						
375   400		0.7	0.0	1.0	2.0		11	1 1.1	3.7	5.6	0.0	2.3	3	29
425 450									,		•••		-	
475	l							1						
530 525.		0.3	0.7	0.0	2.1	3	11	1 3.0	0.0	0.1	0.3	2.5	3	10
575							į	į						i
630 ( 625	3.0	0.0	0.0	0. )	0.3	3	1 [	3.0	٥.٠	9.3	6.9	2.1	3	9
650	Í						i	1						į
675 760								!						ļ
725	1	0.0	0.0					i					_	
115	i	0.0	(1.1)	0.0	0,0	2	· · · ·	1 3.0	٠.٠	1.0	0.0	ບ.ນ	3	0
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بياريان	i						¦	1						1
25 670							I	1						ļ
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	) - J.U	0.0	0.0	0.0	0.0	2	0	!						

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complex of SPECIMENS FER made in discrete perth samples from med. A samples within the income of specific or subset excluded.

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TABLE 140 ARGYROPELECUS HEMIGYMNUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

and to see this control to the same which we are the state of the second

		D.	AY			j	<u> </u>		NI	GHT			
TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE		ADULT	NUMBER SAMP1		TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBE SAMP	
							7.8	0.0	0.0	0.0	0.0	15	0
						i	1.0	0.0	0.0	0.0	0.0	1	0
							1.0	0.0	0.0	0.0	0.0	1	0
1.0	0.0	0.0	0.0	0.0	1	١	1.0	0.0 0.0	0.0 0.0	0.0	1.0	1	1
					•	ĺ	İ				•		
1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
1.0	0.0	0.0	0.0	0.0	1		1.0	0.0	0.0	0.0	2.0	1	2
1.0	0.0	0.0	0.0	0.0	•	Ĭ	į						
1.0	0.0	0.0	0.0	0.0	1	0	1.0	5.0	7.0	1.0	2.0	1	15
1.0	0.0	1.0	0.0	0.0	1	1	1.0	1.0	1.0	1.0	1.0	1	
						į	***	1.0	1.0	1.0	1.0	•	•
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2.0	0.0	0.0	0.0	0.0	Z	0	1						
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TABLE 141 ARGYROPELECUS HEM IGYMNUS DAY

NUMBER CF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAPPLES WITHIN 1.50 HOURS CF SUNRISE OR SUNSET EXCLUDED

SIZE		DE	PTHS SAPPL	.ED (F)		
nn-	150	235	375	500	700	940
6 7 8			0.7 1.C 2.3	1.0		
10 11 12 13 14			C.3			
15 16 17			C. 7			
18 19				0.5		
20 21	0.3		1.0			
22 23 24		•	1.7 1.6 0.7	0.5	0.7	
25 26 27 28 29			0.3 0.3 0.3 0.3 0.3	1.0		
NQ-/HOUR	C.3	0.0	12.3	3.0	0.7	0.0
NG. HOURS	3.0	5.C	3.0	2.0	3.0	3.0
NO. SPEC.	1	0	37	6	2	0
HQ. SAMPLES	3	2	3	2	3	3

TABLE 142										
ARGYROPEL ECUS DAY	HEM IGYMNU	S	NUMBE Sampl	R OF SPEC ES WITHIN	IMENS PER 1.50 HQU	HOUR IN Mo OF SUN	DISCRETE RISE UR S	DEPTH SAM SUNSET EXC	PLES FROM	MED 2
SIZE		UEPI	HS SAMPL	FD (#)						
79	SURF	100	150	200	300	400	600	1000		
7 8					1.0	0.7 1.3				
9 10					1.0	1.0	0.5			
11 12					1.0	0.3				
13 14										
15 16			1.0							
17 15										
19 20						0.3				
21 22 23						0.7				
24 25						1.3				
26 27						0.7				
28 29						0.3				
30 31						0.3				
NO./HOUR	0.0	0.0	1.0	0.0	4.0	9.3	0.5	0.0		
NO. HOURS	5.0	2.0	1.0	2.0	2.0	3.0	5.0	1.0		
NO. SPEC.	0	0	1	c	8	28	1	n		
NO. SAMPLES	2	2	1	2	2	3	1	1		
TABLE 143										
ARGY RUPFLECUS	HEM I GYMNU	S	NUMB E	R OF SPEC	THENS PER	HOUR IN	DISCRETE RISE ON S	DEPTH SAM UNSET EXC	PLES FROM LUDED	MED 3
SIZE	50	100	HS SAMPLI	20U	300	400	500	600	750	1000
6	20	100	.,0	200	,,,,	0.3	20.7	•00	1,,0	
7 6						0.3	0.3			
10							0.3			
11 12 13					0.5		0.3			
14 15										
16 17						0.3				
18 19										
20 21							0.3			
22 23					0.5	0.3	0.3			
24 25 26						0.3	0.7			
27						0.7	0.3			
28 29							0.,	0.3		
NO./HOUR	0.0	0.0	0.0	0.0	1.0	3.7	3.7	0.3	0.0	0.0
NO. HOURS	5.0	6.0 0	2.0	<b>4.</b> 0	2.0 2	3.0 11	3.0 11	3.0 1	2.0	3.0
NO. SAMPLES	2	6	2		2	3	,,	3	2	2
	-	•	-	·	_	•	•	-	-	•
TABLE 144									MW	MEG A
ARGYHUPELECUS DAY	HEMIGYMN	WS	NUMB	EN OF SPE LES WITHI	N 1.50 HO	URS OF SU	MAISE UR	DEPTH SA SUMSET EX	CLUDED	M NED 7
512 <b>t</b>		DE	PTHS SAMP	rfo (M)						
MM	500	700								
1		1.0								
# 9 10										
11 12										
13		1.0								F
			_							

NU./HDUR

NO. SPEC.

1.0

r / 46

TABLE 145

ARGYROPELECUS HEMIGYMNUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE	DEPTHS SAMPLED (M)										
ММ	160	250	340	410	495	675					
8					1.0						
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.0					
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0					
NO. SPEC.	0	0	o	0	1	0					
NO. SAMPLES	1	1	1	1	1	2					

TABLE 146

,我们就是这个时间,我们就是一个时间,我们就是一个时间,我们是一个时间,我们是一个时间,我们也不是一个时间,我们也不是一个时间,我们也不是一个时间,我们就是一个时间 第一个时间,我们是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就

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AFGYREPFLECUS FFMIGYMNUS NUMBER OF SPECIMENS PER HOUR IN DISCHETE LEPTH SAMPLES FRUM MED 1
NIGHT SAMPLES WITHIN 1-56 HOURS OF SURRISE OR SURSET EXCLUDED

5171		DEP	THS SAMPL	EU (+)				
<b>,</b>	2 א	40	70	150	190	235	400	160
÷							0.3	
; ; ;							1./ 1.3	
						0.3	0.3	
15 16 17						3.3 3.7	6.3	
17 27 21 22 22 22 22 22 22 22 22 22 22 22 22			1.0		2.0	1.7 1.0 2.0 1., 1.,	1.6	(**
4				0.3		)•3 5•3	0.7 9.3 9.3	
hualt wa	U.J	٠.٠	1.0	C-3	2.0	9.0	7.0	(
NEW FIRMS	1.1	1.3	1.0	3. C	1.0	3.0	3.0	3.C
11.518.	•	ċ	ι	1	2	21	21	1
Act STAPLES	3	i	1	3	1	3	3	5

SIZE MM		DE	PTHS SAMP	LED (M)						
.,,,	SURF	12	45	100	150	200	400	600	800	1000
7 8 9 10 11							2.5 5.4 1.0			
12 13 14							0.5			
15 16 17 18										
19 20 21 22 23						0.3	0.5			0.3
24 25 20 21						0.7	1.4 4.4 1.0			0.3
28 29 30 31 32							0.5			
3 i 34 35										
36 37 58 57	V.08									
MJ./HOUR	C. 1	0.0	0.0	0.0	0.0	1.3	17.5	0.0	0.0	0.7
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	ı	0	0	0	o	4	36	0	0	2
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

TASLE 148

ARGYROPELECUS MEMINYMMUS NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OF SUNRE EXCLUDED

4115		nep	THS SAMPL	(M) D3.						
•	SURF	50	160	150	20,	300	400	500	600	150
1							1.7			
9							1.7			
10							0.3		0.3	
10 11 12 13							0.7	0.7		
13						0.3	0.7			
14 15										
16										
17 18						0.3				
1.						9.3				
20 71						0.3	9.6	0.3		
27										
23						1.3	0.3	0.3		
25					0.5	0.3	0.3	0.7		
26							0.3	0.3		
21 28						0.7	0.3	0.3	1.0	
22 23 24 25 26 27 28 30 31 31							0.3	0.3		
35 11									0.3	
37									1.3	
40.7 F30P	0.0	0.0	0.0	0.0	0.5	4.0	9.5	3.3	3.0	0.0
NG. HOURS	29.0	1.1	1.0	3.0	5.0	3.0	3.1	3.0	3+0	3.0
NO. SPEC.	0	0	0	э	1	12	5.0	1c	7	o´
MIL SAMPLES	58	1		•	2	3	1	4		١.

TABLE 149

AKGYKOPELECUS HEMIGYMNUS
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM YEU A SAMPLES MITHIN 1.50 HOURS OF SUNKISE OR SUNSET EXCLUDED

SIZe MM		DEPTHS	SAMP	LED (4)					
es.	SURF	20	80	135	155	250	325	425	510
6 1 8 )								7.0 3.0	1.0
10 11								1.0	
12 13 14 15									1.0
16 17 18 19								1.0	1.0
20 21 22									
73 74 75 26 27							1.0	1.0	1.0
27 28 29 30							1.0		
31 32 33 34					1.0			1.0	
35 36				1.0					
NO./HOUR	0.0	0.0	0.0	1.0	1.0	0.0	2.0	15.0	4.0
NO. HOURS	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	٥	1	1	0	2	15	4
NO. SAMPLES	15	1	1	1	1	1	1	ı	1

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	hits for te	** *		F = 4 - 3 *	ra ta dis			
*,	Castatowa Joseph	t - all	1 64 t	**************************************	e de la la companya de la companya d	MOLI	i . 1 -2 h	T( Tät S
			1					1
fe i a			ì			5	•	1

1 # FLe 151	ı
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111 PH	TLUS NICE -	Lits	NUMBER OF SPECIFORS GALCHT IN FISCHETE LEPTH SAMPLES FROM MET 2							
>1/1 **	PESTE ##44:	JEV) -IEES	SEMADLET FEMALES	ACULI LUPALES	UKSTACEC MALES	SUBALULT PALES	ACULT MALES	UNLE SIGNATED	TCTALS	
€ €				ī					1	
16146.	3	;	¢	1	υ	3	c	3	ì	

TABLE 152 BATHOPHILUS NIGERRIMUS

NUMBER OF SPECIMENS PEP HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUMMISE DR SUNSET EXCLUDED

Samuel and with the contraction of the same of the sam

į			υ	AY			!	i i ntcht i						
M 1	TUTAL HOURS		NUMBER PER JUVENILE		ADUL T	NUMBER		TOTAL	POSTL ARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	YUMBE	
\$UKF   25   50		0.0	0.0	0.0	0.7	2	0	2.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.5	24 3 1	0
75 l 100 l 125 l	5.0	٥.٥	0.0	0.0	0.0	s	اه	1.0	0.0	0.0	0.0	0.0	1	0
150 I	1.0	0,1	0.0	0.0	0.0	1	٥į	į 3.0	0.0	0.0	0.0	0.0	3	6
200 I 225 I 250 I	5.0	6.0	0.0	0.0	0.0	5	7	3.0	0.0	0.0	0.0	0.0	3	0
275   300   375   350   375	5.7	0.0	0.0	0.0	0.0	2	0							
400   425   450   470   500   575	3.0	0.)	<b>0.</b> 0	¢. n	0.0	3	9	2.1	0.0	0.0	6.0	0.0	2 .	0
570 1 570 1 600 1 670 1 670 1							         	1.0	0.0	0.0	0.0	0.0	ı	0
725   750   775   806   825   850   875   900	2.1	Q. >	<b>^.</b> 0	0.0	1.1	ı	5   	3.7	^.0	9.9	n <b>.</b> 0	0.0	1	o
950   975   1000		9.2	2.0	C. ch	٥.٥	1	0	3.0	۸.)	n.,\	4.0	0.0	3	0

TABLE 153
BATHIPHILUS ALGERIAUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPIM SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	!		n	AY				NIĞHT						
	T )TAL I H:URS	POSTLARVA	JUVENILE		ADULT	1040C		TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUPBER SAMPI	
SUPF								29.0	0.0	0.0	0.0	0.0	58	0
25 50		v.)	C. 0	0.0	0.0	2	0	1.1	0.0	0.0	^•9	0.0	ı	0 1
75 100		0.0	0.0	0.0	0.0	6	١٥١	1 1.0	0.1	0.0	0.0	0.0	1	0 1
125	1		-				i i	i					3	i
150		0.)	0.0	0.0	0.0	2	١٥	i	0.5	0.0	1.0	7.0	-	i
200		0.0	0.C	0.0	0.0	6	١٥	2.0	0.0	0.0	0.0	0.0	2	6 1
250	1						į	į						į
275 300		(.)	0.0	0.0	0.0	2	0	3.9	0.0	0.0	0.0	0.0	3	0 1
325 350							!	1						İ
375	I						į	į .		_			_	
405 425		0.5	0.0	0.0	0.0	3	0	1 3-1	0.0	0.0	9.0	0.0	3	6 I
450	i						į	į						ĺ
500	1 3.3	0.0	6.0	0.0	0.0	3	o i	3.0	6.0	0.0	0.0	0.0	3	o i
525 550							!	!						1
575	1							i					_	. i
600 675		0.)	0.0	0.0	0.3	3	1 !	1 3.0	0.0	0.0	1.0	0.0	3	0 1
650	1						:	1						- !
700	1						į	į						į
725		0.1	2.0	0.0	0.0	₹	0	1 3.0	0.0	0.0	9.0	0.0	3	0 1
175	ı	•••		***	***	•	Ť	į	****		• • •	***	-	
825							i	1						i
475							- !	1						!
200	1						į	į			,			į
725 750							ľ	1		ī	,	<b>5</b> 0		1
775	ĺ	0.0	5.6	0.0	2.0	1	0 1	1						Í
foot.	. 3.0	U.J	····			4	, ,, ••	******						!

TABLE 154
BATHOPHILUS NIGERRIMUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNSISC OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (+)						
MM	50	100	150	200	300	400	500	600	750	1000
68								0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NG. SPEC.	0	0	0	o	0	0	0	1	0	0
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE 155

Ü

BATHOPHILUS N I GHT	NIGERRIMUS							DEPTH SAM SUNSET EXC		MED 2
SIZE		DEPTHS	SAMPLED	(H)						
нн	SURF	12	45	100	150	200	400	600	800	1000
81			0.5							
NO./HOUR	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	1	0	0	0	0	0	0	0
NO CAMOLET	14	•		•	•	•	•		•	2

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STONIAS SCA DUA

NUMBER OF SPECIPENS PER HOUR IN DISCRETE CEPTH SAMPLES FROM PEU I SAMPLES WITHIN 1.50 HOURS OF SURRISE ON SURSET EXCLUDED

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•	T :TAL H :UAS	PUSTLA• VA	NUMBER PER JUVENILE		ADULT			TOTAL	Pusil Arva	NUABIA PER JUVENILE		AGULT	NUPBLE SAKE1	NUTY.
5   5								1.1	(.0	0.0	<b></b> .	0.0	2	
,							į	1 1.		1.0	9.0	0.0 6.0	1	1
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5	200	0	۰. ۲	c.c	4.0	2	9	3.	٠.٥	.,	6.0	0.0	3	
5 I							i	i						
5							1	1						
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STOMEN BUT BUT

NUMBER OF SPECIMENS PER HIJH IN DISCHETE BEPTH SAMPLES FROM MFO 2 NAMPLES WITHIN 1.5" HOURS OF SUMPLES OF SUMSET EXCLUDED

	!		0	AY			·!	!		NI	GHT		
	TOTAL H-UPS	205TLA4V3	HUMAER PER JUVFNILI		ADULT	NUMBER SAMP I			PJSTL ARVA	NUMBER PER		ADUL T	MARK - 1
Sue r 1		Ç.,,	6.5	0.	٥,)	?	9		0.0	0.0	0.0	J. u C. c	24
50	ı						i	1 2.0	0.0	₹.6 4.5	0.0	0.0	i
10	2.3	0.1	4.5	6.0	7."	2	, i	1 1.0	0.5	0.1	1.5	0.6	
125		c. `	3.0	0	`	1	2	3.2	0.0	2.3	0.0	0.0	
175	i						i	1	-				
20 225	!	c. '	(,7	0.1	`• 3	,	0 1	1 3.0	7.0	0.6	0.0	5.0	1
25° 215								i					
30	l 2.,	0	6.3	0.0	0.0	2	2.1	i					
325							ļ						
+75 44		0.3	),(	0.0	0.1	,	2	1	0.0	0.5	0.0	7.^	-
415	ı		,,,	•••	V	•	- 1	1	0.0	9.7	0.0	••	
471								1					
50.							!	1					
550	ı							i					
575							ļ	1 1.0	0.0	0.0	0.0	2.0	2
625	ı									***	•		
675	ı							i					
750 725								1					
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600	2.0	0.)	0.0	0.6	0.0	ı	0 1	1 3.0	0.0	0.)	4.0	0.0	3
425 950								1					
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900	i						i	i			-	-	55
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1000		0.1	a.r	2.0	0.)	1	o i		3.0	9.0	0.0	0.0	•

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Ì			D	AY			NIGHT							
DEPTH	TOTAL HOURS	PUSTL ARVA	NUMBER PER JUVENILE	HOUR Subadult	ADULT	NUMBER SAMP1	NDIV.			NUMBER PER JUVEN ILE		ADULT	NUMBER	OF NDLV.
SUPF								Í 29.0	0.0	0.0	0.0	0.0	58	0
25 I 50 I		0.0	0.0	0.0	0.0	2	0 1		0.0	0.0	0.0	0.0	1	١٥١
75   101		0.0	0.2				i	1					_	Ī
125	İ			0.0	0.0	6	1 1	1 1.0	0.0	2.0	0.0	0.0	1	2
150   175		0.0	1.5	0.0	0.0	2	3 į		0.0	0.0	0.0	0.0	3	0 1
200	6.0	0.0	0.3	0.2	J.0	6	3	1 2.0	0.0	0.5	7.0	0.0	2	ıi
225 I 250 I								1					•	1
275	1						i	i						i
30° 1		0.0	0.0	0.0	J.0	2	0	3.6	٠.	0.7	0.0	0.0	3	2 1
350 1	t						i	i						i
375 I 400 I		0.3	0.0	0.0	6.0	3	0 1	3.1	0.0	0.0	0.0	0.0	3	0 1
425 1	1	•	-			•	1	1	****	•••	•••	•••	,	
450 ( 475 )							!	1						i
500	3.0	0.0	0.0	0.0	0.0	3	o i		0.0	0.0	0.0	0.0	3	οį
525 I 550 I							•	1						:
575 (	1	• •				_	i	1					_	
625 I		0.0	3.6	0.0	0.0	3	11 1	1 3.0	0.0	0.3	0.0	0.0	3	0 !
650 I								ì						į
700 1	İ						i	i						1
725   750		0.2	J.C	1.0	0.0	2	2 1	1 3.0	0.0	1.0	0.3		3	!
775 (	1	0.7	0.0	****	1140	•	;	1	0.0	1.47	17.3	0.0	,	7 1
800 l								1						)
850 (	ĺ						i	i i						:
675 I							;	•						!
925 1	j						;	ì						
950 . 975 l								i						Ì
1000		0.0	0.7	0.0	0.0	2	5 ;							i

TABLE 163 STONIAS BOA BOA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SURVISE OR SUNSET EXCLUDED

į			0	AY			NIGHT							
DEPTH	TOTAL HOURS	POSTLARVA	MUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP1	NOIV.	TOTAL HOURS	POSTL ARVA	NUMBER PER JUVENILE		ADULT	NUMBER SAMP1	MDIV.
SURF		·						7.8	0.0	0.0	0.0	0.0	15	0
25   50							- }	1.0	0.0	0.0	2.0	0.0	1	2
75 I 100 I								1.0	0.0	0.0	0.0	0.0	1	0
125 J 150 J							1	1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0	0.0	1	0 1	1.0	0.0	1.0	0.0	0.0	1	1
225		0.0	0.0	1.0	0.0	ι	. !	1.0	U.0	0.0	0.0	0.0	1	٥
275	i	0.0	0.0	1.0	•••	•	• 1	!	•	•••		-	•	
300   325	}						!	1.0	0.0	0.0	0.0	0.0	ı	٥
350 I 375 I	ļ.	0.0	0.0	0.0	0.0	1	١٥							
400 1 425		0.0	0.0	0.0	0.0	1	0	1 1.0	0.0	1.0	0.0	0.0	1	1
450 475	l						ì	ì						,
500 525	1.0	0.0	0.0	0.0	0.0	1	0 1	1 1.0	0.0	0.0	0.0	0.0	1	0
550 575	1						Ì	1						
600	ļ						j	į						
625 650	1			0.0		•	0 1	į						
675 700	1	0.0	0.0	0.0	0.0	2	ij							
725   750							1	1						i
775 800							¦	1			,	5	<b>6</b> :	
825							1	1				Ç	1.5	
875 900							1	1						
925							į	į						
950 975	,							į						
1000	l						·	-						

TABLE 164 STOMIAS EGA BOA

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

12E		DEP	THE SAPPLE	ED (M)		
ММ	150	235	375	500	700	940
40 41 42 43 44 45	C•3				0.3	
46 47 48 49 50 51 52 53			0.3 0.3	0.5	0.3	
54 55 56 57 58 59 60			0.3		0.3	
61 62 63 64 65 66			0.3		•••	
68 69 70 79 80 61 62	0.3				U•3 0•3	
83 84 85 117 118 119	0.3				0.3	
120	0.3					
NC./HOUR	1.3	0.0	1.3	0.5	2.0	0.0
NG. HOURS	3.0	2.0	3.C	2.0	3.0	3.0
NO. SPEC.	4	0	4	1	6	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 165											
STOMIAS BOA	80A				CIMENS PER N 1.50 HOL					DM MED 2	
SIZE MM		DEP	THS SAMPI	LED (M)							
710	SURF	100	150	200	300	400	800	1000			
52 53 54 55 56 57 58		0.5									
59 60		0.5 0.5									
61 62 63		0.5									
64 65 66 67 68 69 70 71 72 73		0.5									•
NO.7 HOUR	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0			
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0			
NO. SPEC.	0	5	0	o	0	0	0	0			
NO. SAMPLES	2	2	1	2	2	3	1	1			
TABLE 166 STOMIAS BOA	ROA		NUMAFI	R OF SPEC	IMENS PER	HOUR IN	DISCRETE (	DEPTH SAM	PLES FROI	N MED 3	
DAY			SAMPLE	SWITHIN	1.50 HOU	S OF SUN	RISE OR SI	JNSET EXC	LUOED .		
SIZE		DEPT	HS SAMPLE	EO (#)							
MM	50	100	150	200	300	400	500	600	750	1000	
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 44 45 45 45 45 45 57 57 57 57 57 57 57 57 57 57 57 57 57		0.2	1.0	0.2				0.3 0.3 0.3 0.3 0.3 0.7 0.3 0.3	0.5	0.5	58
121 _ NO./HOUR				0.2							30
NO. HOURS	0.0	0.2	1.5	0.5	0.0	0.0	0.0	3.4	1.0	0.7	
NO. SPEC.	0	4.0 L	3	4.0	2.0	3.0	3.0	3.0	2.0	3.0	

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いいまけることからまれてもあるといったいか、こくさいないないない

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TABLE	168										
STORTAS NEGHT	ROS	eu A			NUPHF SAPPL	H OF SPEC ES WITHIN	IPENS PER	HCUK IN	CISCRETE RISL OR S	UEPTH SAMPLES UNSET EXCLUDE	FRUM MED 1
SIZE				DEP	THS SAPPL	EU ())					
			25	40	70	150	190	235	460	100	
28							1.0	0.3			
30					1.0						
50										C.3	
29 30 50 51 52 53						0.3				***	
54											
55 56										0.3	
57 56										0.,	
59 &C											
61 62											
63											
65 66											
67 68											
6.9										0.3	
45											

#3 84 85					1.0			
66					1.0			
MC-/+GUR	6.6	6.0	1.6	C. 3	3.6	0.3	J.0	1.0
AC. PEURS	1.1	1.0	1.0	3.0	1.0	1.0	3.0	1.0
NC. SPEC.	9	ć		1		1	0	,.,
AC. SAMPLES	₹	1	ı	3	1	,	,	,

TABLE 16	9											
STOM LAS NEGHT	BOA	BOA		NUMBER Samples	OF SPEC WITHIN	1 MENS	PER HOUR HOURS OF	IN DISCA	ETE DEPTH OR SUNSET	SAMPLES FRO EXCLUDED	M MED	2
812E			DEPTHS	SAMPLED	(+)							
		SURF	12	44	100	150	200					

							700	400	400	1000
34 36		0.9								
34 35 36 38 37 38 40 41 42 43 45 45 47 48 49 51 52 53 53 54 55 56 57 58 60 61 62 63										
38										
39 40										
41		0.5	0.5							
- 33										
45							0.5			
46			0.5							
48			V.,							
50					0.3					
51 52			1.0							
53										
55			0.5							
50 57		0.5								
18 59			0.:							
60			٠							
95			0.5							
63 64 65			0.5							
45			0.5							
HO./HOUR	0.0	5.0	4.5	0.0	0.3	0.0	0.5	0.0	0.0	0.0
40. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	3	9	0	1	0	ı	0	0	0
NO. SAMPLES	24	1								

N I GHI			SAMPL	ES WITHIN	1.50 HU	RS OF SUN	RISE OR S	UNSET EXC	LUDED	
12E HM		DEP	THS SAMPL	ED (P)						
<b>~~</b>	SURF	50	100	150	200	300	400	500	600	75
40 41 42 43										0.
44 45 46 47 48										0.
50 51 61 62			1.0		0.5					0.
53 54 55 56 57						0.3				
16						0.3				
79			1.0							
D./HOUR	0.0	0.0	2.0	0.0	0.5	0.7	0.0	0.0	0.0	0
D. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1			1.
. SPEC.	0	0	2	0	ı	2.0	0	3.0	3.0	3.
. SAMPLES	58	1	1	3	. ₹	3	3	0 3	0 3	

以外,这种是一种,这种,这种是一种,这种是一种,这种是一种,这种是一种,这种是一种,这种是一种,这种是一种,这种,也是一种,这种,也是一种,这种,这种,这种,这

	-										
STO41AS THO1N	BOA	BOA		NUMBER Sample	OF SPEC S WITHIN	IMENS PER	HOUK IN	DISCRETE MISE OR S	DEPTH SAN	PLES FROM LUDED	MED
SIZE			- DEP	THS SAMPLE	D (M)						
		SURF	50	80	135	155	250	325	425	510	
56 57						1.0					
58									1.0		
89 90			1.0								
NO./HOUR		0.0	₹.0	0.0	0.0	1.0	0.0	6.0	1.0		
AO. HOURS	•	7.8	1.0	1.0	1.0	1.0	1.0	1.0		0.0	
NO. SPEC.		0	2	o	0	1	0		1.0	1.0	

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TETALS

TABLE	173						CAMDILE E	only Vil.	
CHAUL 10	CUS SELANT		NUMBER C	t Stecipens	CAUCHT IN LI				** * * * *
\$12F	PCSTL ARVAE	JUVEN IL ( \$	SUBACLLY FEMALES	#CLLT FF#ALES	MALES PALES	SUBACULT PALES	ACUL 1 Males	Unce Stona ted	ILIALS
38		1							1
38 39 40		1							2
41 42 43 44 45		ě							·
43									1
45		3							1
• 46 47 48		1 1 1							i
49 551 552 553 554 554									1
5.2		1							1
54		•							
55	٠.	į							:
56 59 60		•							
60 61									
61 62 63									
64									1
65		1							1
134			1						
TETALS	, (	15	ı					•	16

TZELE	174								
CEZULI	CEUS SECANT		NUM, CH	LE SE E NS	GAU EL INT	17.31 79.	STATES	5.	
\$12t	PESTLANAF	JUVEN ILF 2	SEE YOLLT FE YALES	fittl ritali.	UNSTRUCT MALLS	Tolk of	266ET	enesite is	! Int.
£ 1		ż							>
.7		Ś							ا د
		ž.							í
2.	•	1 2							:
52		1							l ±
29 20 31 22 23 24 25 36 37 38		;							7
		•							4
36		4 2							ě
37		1							1 2
39		ž							4
4.		•							
4.7		_							4
44		i 1 2 2							1
45		2							,
40 47		2							i
48		•							
40		1							1
51		•							
52		2							
50 52 53 54 55 56 57 58									1
55		ì							•
50 57									
56			•						
59 60		1							1
តិ						ı			1
								:	41
TOTAL	s r	46	•			1	•	•	• • •

TABLE	178			er sarrinthe	CAUGHT IS DE	SCRETE GEPTH	SAMPLES FI	IOM NED 4	
CHAULIO	OUS SLOANS						ADULT	UNDESIGNATED	TOTALS
SIZE	POSTLARVAE	JUYEN ILE S	SUBADULT FEMALES	ACULT FEPALES	UNSTAGED PALES	SUBADULT MALES	MALES	UNDESTONATED	
24 - 25 26		1							1
- 25 26 27 28 29		1				1			1
TETALS	c	2	c	c	n	1_	C	0	3

TABLE CHAUL:0	DUS SLOANI		ALPBÉR (	F SPECIFENS	CAUGHT IN DI	SCRETE CEPTH		IOM MED 5	****
512E	POSTLARVAE	JUYEN ILES	SLBADULT FEMALES	ADULT FEPALES	UNSTAGED MALES	SHEADULT	ADUL T MALES	UNDESIGNATED	101ALS
23		1							•
24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39		1							•
28 29		1 2						•	1 2 1
30 31 32		1 2							2
33 34 35		•							
36 37	. V	1							1
39 40		2							2
1		1							1
103	s c	12		c	0	•	'c	c	14

TABLE 177

CHAULIODUS SLOANI SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

		0	AY			!	!		Ni	GHT			
TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBACULT	ADULT	NUMBER SAMPI		HOURS	POSTL ARVA	NUMBER PER JUVENILE	HUUR SUBADULT	ADULT	NUMBER SAMP1	
						į	1.1	0.0	0.0	0.0	0.0	2	. 0
						!	1 1.0	0.0	0.0	0.0	0.0	1	0
						į	į	•••	0,0	•••	•••	•	·
3.0	C.0	0.C	0.0	0.0	3	١٥	3.0	0.0	0.0	0.0	0.0	3	0
						i	1.0	0.0	0.0	0.0	0.0	1	0
2.0	0.0	c.c	C. 0	0.0	2	١٥١	3.0	0.0	0.0	0.0	0.0	3	0
	•••	•••	•••	•••	•	·i	!	•••	•••	•••	•••	-	
						į	į						
3.0	0.0	· 0.c	0.0	0.0	3	١	1						
							3.0	0.0	0.0	0.0	0.0	3	0
						į	į						
2.0	0.0	0.0	0.0	0.0	2	0		•					
						ł	!						
						!	1						
•						į	İ						
					_	!	1					_	_
9.0	●.0	0.7	0.0	0.0	3	2	3.0	0.0	0.0	0.3	4.3	,	2
						1	1						
						İ	1						
						į	İ						
						į	į						
3.0	0.0	0.0	<b>6.</b> 0	0.5	3	1	-						
			-74		_	Ţ,	1						

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TABLE 178 CHAULIDOUS SLOANI

NUMBER OF SPECIPENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

į		(	0	AY						NI.	GHT			
PTH	TOTAL HOURS	PUSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUPBER		IUTAL HOURS	POSTLARVA	TUAMIFE LEK	HOUR SUBADULT	ADULT	SAMP	NOIV.
UKF   25   50	2.0	0.3	0.0	6.0	0.0	2	٥	11.9	0.0 0.0 0.0	0.0 0.0 1.5	0.0 0.0 0.0	0.0 0.0	24 3 1	0
75   100	2.0	G.0	1.0	0.0	0.0	2	2	1.0	0.0	0.0	0.0	0.0	1	•
125	1.0	6.0	0.0	0.0	c.0	1	٥	3.0	0.0	0.0	0.0	0.50		0
175   200   225   250	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275   300   325   350	2.0	0.3	0.0	0.6	0.3	2	0	! ! !						
375   400   425   450   475   500   525	3.0	0.0	0.3	0.0	6.0	3	1	2.1	0.0	0.0	0.0	0.0		•
50 1 75 1 00 1 25 1 50 1								1.6	0.0	1.0	0.0	0.0	1	1
00   25   50   75   00   25	2.0	0.0	0.0	0.5	v <b>.</b> 0	1	1	3.0	0.0	0.0	<b>0.0</b>	0.0	3	0
5 1 5 1 5 1	1.3	· c.,	0.0	0.0	v.0	1		3.0	0.0	0.0	0.0	0.0	3	0

TABLE 179 CHAULIODUS SLUANS

## NUMBER OF SPECIMENS PER MOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES MITHIN 1.50 HOURS OF SUNRISE ON SUMSET EXCLUDED

			0	AY			!	NIGHT							
OEPTH M	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE		ADULT	NUMBER Sapp1		TUTAL	POSTLARVA	MUMBER PER JUVEMILE	HOUR SUBADULT	ADULT	NUMBER SAMPI		
SURF								29.0	0.0	0.0	0.0	0.0	58	0	
25 50 75	2.0	0.0	C.0	C. O	0.0	ž	٥	1.1	0.0	0.0	0.0	0.0	1	۰	
100	4.0	0.0	0.0	0.0	0.0	۵	0	1.0	0.0	3.0	0.0	4.0	1	3	
125	2.0	U. 0	0.5	0.0	0.0	2	1	3.0	0.0	0.0	0.0	9.0	3	ا ہ	
175 200	4.0	0.0	0.3	0.0	0.0	•	1	2.0	0.0	9.0	0.0	0.0	2	0	
225														į	
275	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.9	0.0	0.0	0.0	3	ا ه	
325 390 375							ļ							į	
400	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0,0	3	• !	
425							ļ							- 1	
475 900	3.0	0.0	2.7	0.0	0.0	3		3.0	9.0	2.0	0.0	0.0	3	•	
32 5 350							1							- 1	
4 975	3.0	0.0	4.6	0.0	0.0	3	14	3.0	0.0	1.5		••	3	•	
, 650								} }	•					- 1	
675 3 700								1						ļ	
. 765 - 750	2.0	. 0.0	1.5	0.0	0.0	2	3	3.0	0.0	0.0	0.0	0.0	3	١	
775			•••	•••	***	•	Ī						-	į	
· , 🗓	İ.							i						į	
	3, *	•											•	i	
, <b>#</b>	2							ij			F/	•	. 73	j	
<b>()</b> ": (			0.0	0.0		•	۰	i i			. ,	•	53	j	
	A 400 V		U. 0	9.0	7.0										

CHAULTORUS SEGANT

NUMBER OF SPECIFIESS PER HOUR IN DISCRETE OLPTH SAMPLES FROM MED. 4 SAMPLES WITHIN 1.50 HOURS OF SUMMISE OR SUNSET EXCLUDED.

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			0/	A Y			·•	!		NI	.HT		
	1 1176	PHYTE ARVA	JJVINIEL IJVJIR PER	HUUR SUBADULT	AGUL I	AUPSEK ( SappIni	DF I		PUSTL ARVA	NUMBER PFK JUVENILE	H JUR SUBADULT	ADULT	NUMBER CF   SAMPINDIV.
SUHF							¦						
50     11¢							1	ļ					- 1
75	ł						į	j					į
130							-	1					- 1
151	ı						į	į					
175 I 26 I							- 1	1					i
2.5							!	!					Į.
215	i						i	i					i
۱^   1 ۲ <sup>4</sup>							- !	l l					!
35 I	ì						į	į					į
371 I	i i						- !	1			i	•	İ
4 1							į	į					į
47	! !						-	1					ł
		•	24.	6.0	3.0	1	- 2 į	İ					į
5 1	! !						i	i					ł
-7/	1						į	ļ					į
2 %	; }						i	1					i
6	l •						ŀ	l .					1
1 1		٠.	), (	1.0	A. 1	1	$\rightarrow$	i					i
<i>t</i> .	i						1	1					ļ
17.							į	į					i
4 2 3	! 1						-	1					1
*	i						į	į				-	i
47**   3*	1 1						ŀ	i			1 from	. 0	
1, 3	!						į	!	R	eproduce	hle cop	у.	į
4.	; 						i	i	l b	eproduce est availa			- :
ויו								1	L				

TABLE 181 CHAULIODUS SLOANI

NUMBER OF SPECIMENS PER HINR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUNNISC OR SUNSET EXCLUDED

		υ	AY				NIGHT							
TOTAL HUURS		NUMBER PER		AUULT	NUMBER SAMP		TOTAL	P''STLAKVA	JUVENILE NUMBER PER		AUUL T	NUMBER SAMP		
							7.8	٥.0	ა. 0	0.0	0.0	15	0	
						į	1.0	3.0	J. 0	0.0	0.0	1	0	
						į	1.0	0.0	1.0	0.0	0.0	1	1	
						i	1.0	0.0	2.0	0.0	٥.٥	1	2	
1.0	0.0	0.0	0.0	0.0	1	οj		0.3	0.0	0.0	0.0	i	Ō	
							!							
1.0	0.0	0.0	0.0	0.0	1	o i	j 1.0	0.0	0.0	0.0	J.0	1	0	
						!	į							
						:	1 1.0	0.3	١.,١	0.0	U. 0	1	0	
1.0	0.0	0.0	0.0	0.0	1	o i		***	•••	•••	•••	•	•	
						!	!							
1.0	0.0	0.0	0.0	0.0	1	n	1.0	<b>U.</b> 0	1.0	٥.٥	0.0	1	1	
	•••					į	1		***		***	-		
1.0	0.0	0.0	0.0	0.0	ı	o l	1							
****	0.0	.,.0	1140		•	Υi	1.0	<b>0.</b> 0	1.0	0.0	0.0	1	1	
						!	!							
						i	1							
						į	į							
2.0	0.0	0.0	0.5	0.0	2	!	1							
۷.۰۰	0.11	17.17		11.00		. i	i							
						!	!							
						- 1	- 1							
						į	i							
						!	!							
						i	i							
						į	i							
						ļ.	1			₩.		• 5		
						i	i			11	ŧ	<b>5</b> 4		
						- 1	1				`			

[ A 8L E 182 CHAULICOUS SECANT

NUMBER OF SPECIMENS PER HOUR IN DISCHETE CEPTH SAMPLES FROM MED I SAMPLES WITHIN 1.50 HOURS OF SUMMISE OR SUMSET EXCLUDED

\$17E	DEPTHS SAPPLED (P)											
p.	157	235	315	500	700	440						
16					0.3							
16 106 107 109					9.3							
i n						٠.,						
AL ./ HI UF		c.c	(	ě.C	8.1	0.5						
AL. HIURN	4.0	2.0	3.0	2.0	J. U	3.0						
AC. SPEC.		ċ	Ĺ	o	2	1						
MLA SAMPLES				,								

Land to be the second of the s

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1-50 HOURS OF SUNKISE OR SUNSET EXCLUDED CHAUL ICIOUS SCOANS

SIZE		UEP	THS SAMPL	ED (#)				
нч	SURF	100	150	200	300	400	400	1000
39		3.5						
40 41		0.5						
42 43								
44								
46 41								
48								
49 50								
51 52						0.3		
134						***		
							0.5	
ADCH/10h	0.0	1.0	0.0	0.0	0.0	0.3	0.5	0.0
YU. HJURS	5.0	2.0	1.0	2.0	5.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	C	0	1	1	٥
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 184

NO. SAMPLES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 MOURS OF SUNRISH OF SUNSET EXCLUDED CHAJE TOOUS SCOART

SIZE		DEP	THS SAPPL	.ED (4)						
44	50	100	150	200	300	400	500	600	750	1000
26 21							0.7			
28							0.3			
30								0.3	0.5	
31 32										
33 34								0.7		
28 27 30 31 32 33 34 35 36							0.7	0.3		
37 39								0.3		
39 40				0.5			0.3	0.3		
39 40 41 42 43										
43 44 45							0.3		0.5	
46			0.5						0.5	
47 48										
49 50							0.3			
50 51 52 53 54 55										
53 54								0.3		
56										
51 50										
59 60								0.3		
40./HOUP	0.0	9.0	0.5	0.2	0.0	0.0	2.1	4.6	1.5	0.0
NO. HOURS	2.0	6.0	₹.6	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	1	ı	0	0		14	3	٥

TABLE 185 CHAULIODUS SLOANE DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES HITMIN 1.90 HOURS OF SUMRISE OR SUMSET EXCLUDED

SIZE		DEPTHS	SAMPLED	(H)
nr.	500	700		
24 25 26 27 28	1.0			
29	1.0			
NO./HOUR	2.0	0.0		
NO. HOURS	1.0	1.0		
NO. SPEC.	2	0		
NO. SAMPLES	1	1		

TABLE 186

CHAULIODUS SLOAM! NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5

SIZE	DEPTHS SAMPLED (M)										
	140	250	340	410	495	475					
102	•					0.5					
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.5					
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0					
NO. SPEC.	0	٥	0	0	0	1					
NO. SAMPLES	1	1	1	1	1	•					

TABLE 187

CHAULIDDUS SLOANI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUMRISE OR SUMSET EXCLUDED

2 î se		DEP	THS SAPPL					
W.	25	40	70	150	190	235	400	700
147								0.3
144								9.3
NG./HDUR	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NU. SPEC.	0	0	c	0	0	0	0	2
NO. SAMPLES	2	1	1	3	1	3	3	3

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CHAUL IODUS SLOANI NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1-50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ζ

SIZE		DEP	THS SAMPLE	D (H)						
MM	SURF	12	45	100	150	200	400	600	800	1000
38 39 40 41 42 43			0.5							
45 46 47 48 49 50 51			0.5							
52 53 54 55 56								1.0		
57			0.5							
NO./HOUR	0.0	0.0	1.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	3	0	0	0	0	1	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3
TABLE 189										
CHAUL TODUS	SLOANI									
NIGHT	SLUANI				IMENS PER 1 1.50 HOU					1 MEU 3
N L GHT S I Z E	SLUANI	DEP		ES WITHIN						1 MEU 3
NIGHT	SURF	DEP 50	SAMPL	ES WITHIN						750
NIGHT SIZE MM 27 28 29			SAMPL THS SAMPL	ES WITHIN	: 1.50 HOU	IRS OF SUN	IRISE OR S	SUNSET EXC	LUDED	
NIGHT SIZE MM 27 28			SAMPL THS SAMPL	ES WITHIN	: 1.50 HOU	IRS OF SUN	IRISE OR S	SUNSET EXC	600	
NIGHT  SIZE MM  27 28 29 30 31 32 33 34 35 36 37			SAMPL THS SAMPL 100	ES WITHIN	: 1.50 HOU	IRS OF SUN	IRISE OR S	500 0•3	600	
NIGHT  SIZE MM  27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42			SAMPL THS SAMPL 100 1.0	ES WITHIN	: 1.50 HOU	IRS OF SUN	IRISE OR S	500 0.3 0.3	600	
NIGHT  SIZE MM  27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43			SAMPL THS SAMPL 100	ES WITHIN	: 1.50 HOU	IRS OF SUN	IRISE OR S	500 0.3 0.3	600 0.3	
NIGHT  SIZE MM  27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46			SAMPL THS SAMPL 100 1.0	ES WITHIN	: 1.50 HOU	IRS OF SUN	IRISE OR S	500 0.3 0.3	600 0.3	
NIGHT  SIZE MM  27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 45 46 47 48 49			SAMPL THS SAMPL 100 1.0	ES WITHIN	: 1.50 HOU	IRS OF SUN	IRISE OR S	500 0.3 0.3	600 0.3	
NIGHT  SIZE MM  27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52			SAMPL THS SAMPL 100 1.0	ES WITHIN	: 1.50 HOU	IRS OF SUN	IRISE OR S	500 0.3 0.3	600 0.3 0.3	
NIGHT  SIZE MM  27 28 29 30 311 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	SURF	50	SAMPL THS SAMPL 100 1.0	ES WITHIN ED (M) 150	200	JRS OF SUM	AOO	500 0.3 0.3 0.3	0.3 0.3 0.3	750 <b>6</b> '?'
NIGHT  SIZE MM  27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53  NO./HOUR	SURF	0.0	SAMPL THS SAMPL 100 1.0 1.0	ES WITHIN ED (#) 150	200 200	300 300	400	500 0.3 0.3 0.3	0.3 0.3 0.3	750 6'7' 0.0
NIGHT  SIZE MM  27 28 29 30 311 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	SURF	50	SAMPL THS SAMPL 100 1.0	ES WITHIN ED (M) 150	200	JRS OF SUM	AOO	500 0.3 0.3 0.3	0.3 0.3 0.3	750 <b>6</b> '?'

TABLE	190	
CHAUL!		SLOAN

## NUMBER OF SPECIMENS PER NOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES MITHIN 1.50 MOURS OF SUMMISE OR SUMSET EXCLUDED

SIZE MM		DEP	THE SAMPL	WD (H)					
***	SURF	50	••	136	196	290	325	425	510
23								1.0	
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39									
26 27									
26					•				
29 30							•		1.0
31									
32 33			1.0						
34									
36									
37 38				1.0					
39									
				1.0					
NO./HOUR	0.0	0.0	1.0	5.0	6.0	•.•	•.0	1.0	1.0
NO. HOURS	7.8	1.0	1.0	, 1.0	1.0	. 1.0	1.0	1.0	1.0
NO. SPEC.	0	0	1	2	0	•	•	1	1
NO. SAMPLES	15	4	1	1	1	1	1	1	1

TAEL	ŀ	191

LEST IC	IGPS JAYAKAKI		ALPBER C	F SPECIPERS	CAUGHT IN CI	SCRETE CEPTM	SAPPLES FI	KUM MEL 2	
5121	FCSTLAKVAE	JUVEN ILES	SLUADLLT FEPALES	ADULT FEPALES	UNSTAGED PALES	SULACULT PALES	ACULT MALES	UNDESICNATED	TETALS
22 23 24 25	2								3
24 25 46	1 1								1
2t 27 28 . 25	1								1
3.)	i								i ,
32 24	į								i 2
25 26 37	i								Ş
11234496725344423	2 2								4 2 2
41 42	1								1
44 TETALS	1 24		_	c	3	J			1 26

TARLE	193								
LESTIC	HOPS JAYAKARI		ALPHER	CF SPECIPERS	CALCET IN LI	sciele ecfit	SAMPLES FI	KUM MEU S	
SIZE	PCSTLARVAE	JUVEN ILE !	SUBABLLT FEPALLS	ATLLI FFPALES	LASTAGEG PALES	SUBALULT PALES	ACLL? PALES	UNCESTURATED	ICTALS
34 34 39 40 41 44 44 45	1	•							1
TCTALS	2	С	c	c	Ú	٥	c	r	2

: ,

			0	AY			NIGHT							
DEPTH M	TOTAL HUURS	PUSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP	R OF	TOTAL	POSTLARVA	NUMBER PER JUVENILE	HOUR Subadult	ADULT	NUPBE SAMP	
SURF   25   50	1	0.0	0.C	0.0	0.0	2	0	11.9	0.0 6.3 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	24 3 1	0 10 0
100	2.0	0.3	0.0	0.0	0.0	2	١٠	1.0	0.0	0.0	0.0	0.0	1	0
125   150   175	1.0	0.0	0.0	0.0	0.0	1	٥	3.0	0.0	0.0	0.0	0.0	3	0
200   225   250	2.3	0.0	0.0	0.0	0.0	2	n	3.0	0.0	0.0	0.0	0.0	3	0
275 300 325 350	1 2.0 1	1.0	0.0	0.0	0.0	2	2							
375 400 425 450 475 500 525	3.0   	0.9	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
550   575   600   625   650   675								1.0	0.0	0.0	0.0	0.0	1	0
725 750 775 800 825 850 875 900 925	 	1.0	3.0	0.0	o.c	1	2	3.0	0.0	0.0	<b>0.0</b>	0.0	3	0
950 975 1000	I	0.1	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 195 LESTIVINES JAYAKARI

المجارعة المراقة المراقة المتحارض المتحارض المتحارض المتحارض والمت

NUMBER OF SPECIFIES PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNKISE OR SUNSET EXCLUDED

DAY								NIGHT							
FUTAL HOURS	P(ISTL ARVA	NUMBER PER JUVENILE		ADULT	NUMBER Samp1		TOTAL HOURS	POSTL ARVA	NUMBER PER JUVEN ILE	HOUR SUSADULT	ADULT	NUPRE SAPP			
							29.0	0.0	0.0	0.0	0.0	58	0		
2.0	0.0	0.0	0.0	0.0	2	٥١	1.1	0.0	0.0	0.0	0.0	1	G		
6.0	0.0	0.0	0.0	0.0	6	٥	1.0	0.0	0.0	0.0	0.0	1	e		
2.0	0.5	0.C	0.0	0.0	2	ı	3.0	0.0	0.0	0.0	0.0	3	c		
6.0	0.2	0.0	0.0	0.0	6	1	2.0	0.0	0.0	v.0	0.0	2	0		
2.0	1.0	0.0	0.0	0.0	2	2	3.0	0.0	0.0	0.0	0.0	3	6		
3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.0	^•0	c. o	3	0		
3.0	0)	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0		
3.0	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	1	0		
						1									
5.0	0.5	٥.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	C+0	1	0		
						į	į								
						į	İ			f' /	7	0			
1.0	0.0	0.6	0.0	0.0	2	o i	i								

TABLE 196 LESTIDIOPS JAYAKARI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES MITHIN 1.50 HOURS OF SUMRISE OR SUMSET EXCLUDED

ĺ			D	AY						NI	GHT			
PTH	TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBER SAMP	R OF	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP	
URF								7.8	0.0	0.0	0.0	0.0	15	0
50   75								1.0	0.0	0.0	0.0	0.0	1	0
100   125							į	1.0	0.0	0.0	0.0	0.0	1	0
150   175	1.0	0.0	0.0	0.0	0.0	1	١	1.0	2.0 0.0	0.0	0.0	0.0	1	2
200 i 225 i							İ							
250   275	1.0	0.0	0.0	0.0	0.0	1	o į	1.0	0.0	0.0	0.0	0.0	1	0
300   325   350	1.0	0.0	0.0	0.0	0.0	1	١	1.0	0.0	0.0	0.0	0.0	1	0
375   400							İ							_
425   450   475	1.0	0.0	0.0	0.0	0.0	1	١	1.0	0.0	0.0	0.0	0.0	1	0
500   525	1.0	0.0	0.0	0.0	0.0	1	٥	1.0	0.0	0.0	0.0	0.0	1	٥
550   575							!	-						
625 (							į	1						
650   675   700	2.0	0.0	0.0	0.0	0.0	2	٥							
725   750							i	İ						
775   800							İ	İ				•		
825   850								-						
975   900							!	-						
925   950   975														
000							i	i						

TABLE 197

LESTIDIOPS JAYAKARI	NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2	
	SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED	

SIZE		DEP	THS SAMPL	ED (M)				
MM	SURF	100	150	200	300	400	800	1000
26 27 28 29 30 31 32 33 34 35 36 37 38 39							0.5	
34 35 36 37							0.5	
36					0.5			
40					0.5			
NO./HOUR	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0 '	2.0	1.0
NO. SPEC.	0	0	0	0	2	0	2	0
NO. SAMPLES	2	2	1	2	2	3	1	1

LESTIDIOPS JAYAKARI DAY NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	(#) O3.						
М	50	100	150	200	300	400	500	600	750	1000
30 31			0.5							
31										
32 33 34 35 36 37										
33										
35					0.5					
36					0.5					
37										
38 39										
39										
40										
41										
41 42 43										
44					0.5					
44 45										
46 47										
47										
48										
49 50				0.2						
50										
51 52 53 54 55										
53										
54										
55										
56 57 58										
57										
59										
60									0.5	
NO./HOUR	0.0	0.0	0.5	0.2	1.0	0.0	0.0	0.0	0.5	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	1	1	2	0	0	0	1	0
NU. SAMPLES	2	6	2	6	2	3	3	3	2	S

TABLE 199

LESTICIOPS JAYAKARI	NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
NIGHT	SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		OEP.	THS SAMPL	ED (P)							
MM	SURF	12	45	100	150	200	400	600	800	1000	
22		2.0									
23											
22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 39 40 41 42 43											
25											
26											
27											
26		0.5									
29		0.5 C.9									
30 31		6.9									
12											
33		0.5									
36		0.5									
35		•••									
36		0.7									
37		- * .									
38											
39									_		
40										1	72
41											3 /~
42											
43											
44		0.7									
NO./HOUR	0.0	6.3	0.0	0.0	0.0	0.0	0.0	C.O	0.0	0.0	
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0	
NO. SPEC.	0	10	0	0	0	0	0	0	0	0	
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3	

TABLE 2	00						•			
LESTIDIOPS MIGHT	JAYAKARI				1.90 HOL	HOUR IN		DEPTH SAN UMBET EXC		MED 5
SIZE MM		DEF	THS SAMPL	ED (M)	•					
	SURF	50	,00	135	195	290	325	425	510	
35 36 37 38 39 40 41 42 43 44										
HO./HOUR	0.0	0.0	0.0	2.0	0.0	0.0	0.0	•.0	0.0	
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
NO. SPEC.	•	•	•		•	•	ę	0	0	
NO. SAMPLE	S 15	1	1	1	1	1	1	1	1	

的,这种是一种,我们就是一种,我们就是一种,我们就是一种,我们是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是 一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我

The state of the s

٠. نز ټ

TARLE	201								
LISTIC	ICPS SPHYRENO	IUŁS	AUPBER C	F SPECIPENS	CALUFT IN CI	SCALTE CEPTA	SAPPLES F	Pul les 1	
511E	PCSTLARVAL	JEVFN IL+ S	SLEACLL 1 FI PALES	ACULT FEPALES	URS18CEL PALES	SUEFELLT PALCS	ACULT PALES	Good \$168 VIV	ILIALS
42	1								1
TCTALS	1	c	c	ಕ	1	.*	c	:	,

TANLE	202								
LEST ICE	ICPS SPHYRENU	IUE <b>S</b>	ALPBER C	F SPECIPENS	CAUGHT IN CI	SCHETE CLPTP	SAPPLES F	F M 466 2	
SIZE	FCSTLARVAE	JUVENILCS	SLEACLLT FEPALES	AGULT Females	URSTACED PALES	SUPACULT PALES	ACUL1 PALES	Love 2 1 CAA lev	TOTALS
34 37 38 25 40 41 42 44 45 44 45 50 51 52 52 54 57 58 59 60 41	1								1
TCTALS	3	C	C	c	\$	э	c	c	3

1 #tlt 203

L+31101	. PS SPEYNENCE	IDL S	AL#8E4 C	F SPECIPENS	CAUGHT IA LI	SCHLTE GLPTH	SAPPLES F	(61 McG 4	
121	PESTLAPVAE	JUVFN ILF S	SEBAULT FEPALES	ALLLT FLPALLS	UNJIAGET PALES	SUCACULT PALES	ACUL I VALES	UNDER STURATE.	ICTAL <
٠,	1								1
FLTALS	1	દ	С	3	v	1	c	:	1

TABLE 204
LESTIDIOPS SPHYKENUIDES

是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTM SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

!			D	AY				1		N1	GHT			
ا ا	TOTAL HOURS	POSTLARVA	NUMBER PER JUYENILE		AJULT	NUMBER SAMP	OF	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP1	
·	2.0	0.0	0.0	0.0	0.0	5	0	11.9	0.0	0.0	0.0	0.0	24	c
							- 1	1.5	0.0 1.0	0.0	0.0 3.0	0.0	3	2
	2.0	0.5	0.0	0.0	0.0	2	1	1.0	0.0	0.0	0.0	0.0	1	J
-	1.0	0.3	0.0	0.0	0.0	1	١٠	3.0	0.0	0.0	0.0	0.0	3	a
		0.0	0.0	0.0	0.0	2	٥	3.0	0.0	0.0	0.0	0.0	3	C
)   	2.0	0.0	0.0	0.0	0.0	2	٥							
	3.0	0.0	0.0	0.0	0.0	3	٥	2.1	0.0	0.0	0.0	0.0	2	(
)   	 						! ! !							
								1.0	0.0	0.0	0.0	0.0	1	(
	2.0	0.0	0.0	0.0	0.0	1	٥	3.0	0.0	0.0	0.0	0.0	3	•
5	1													
; ;	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	

TABLE 205 LESTIDIOPS SPHYRENDIDES

,然后,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们们就是一个人,我们就

4 1

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES MITHIN 1.50 HOURS OF SUMRISE OR SUNSET EXCLUDED

į.			0	AY						N I	SHT		
	TUTAL HOURS	POSTL ARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAMPIND	v. į	TOTAL HOURS	PUSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER CF SAMPINDIV.
URF													
25 I							-	1					
75 I							Ì	Ì					
125							į						
150   175							- 1					•	
200							Ì	Ì					
250 1							į	į					
275   330							H	l					
3/5   350							- 1	1					
375 1							į	į					
400 L							ŀ	1					
450   475							- !	1					
500 I	1.0	0.0	0.0	0.0	0.0	1	٥į	į					
575 I 540 I							į	į					
575   600							i	1					
675							į	İ					
675							ij	1					
700 l	1.0	1.0	0.0	0.0	0.0	1	1	1					
750							İ	İ					
1 008							į	į					
825 I 850 I							ľ						
875 I							İ	1					
925							į	į					
950 I 975 I							ŀ	-					
tooc į							į	İ					

TABLE 206

LESTIDIOPS SPHYRENOIDES NUMBER OF SPECIMENS PER NEUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1-50 HOURS OF SUMRISE OR SUMSET EXCLUDED

the will be the the the the the the transfer with the the transfer of the the transfer of the

S12E		DEF	THS SAMPL					
##	SURF	100	150	200	300	400	800	1000
36		0.5						
hC./HOUR	0.0	0.5	0.0	0.6	0.0	0.0	0.0	0.0
I.C. HOURS	2.0	2.0	1-0	2.0	2.0	3.0	2.0	1-0
NC. SPEC.	0	1	c	•	0	0	0	0
AC. SAMPLES	2	2	1	2	2	3	1	1

المواقعة المحتمد المعامل المعا

TABLE 207

LESTIDIOPS SPHYRENGIDES DAY

# NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEPTHS SAMPLED	(H)
ran	500	700	
59		1.0	
NO./HOUR	0.0	1.0	
NO. HOURS	1.0	1.0	
NO. SPEC.	0	1	
NO CAMPLES	3.	1	

TABLE 208

LESTIDIOPS SPHYRENOIDES NIGHT NUMBER OF SPECIMENS PER HOUR IN-DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (M)						
MM	SURF	12	45	100	150	200	400	600	800	1000
47 48 49 50 51 52 53 54 55 56 57 58			0.5							
59 60 61			0.5							
NO./HOUR	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	2	0	0	0	0	0	0	0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	3

1# ELE 209

こととう これといないと かんかんはないといれた あげんがい これのこう アナルじょ といかになり むいがっしゃ ていかのかないないない

4 > 蜡 妆

MITGER	FIS FISSCI		ALPBER C	F SPECIMENS	CAUGHT IN CI	SCRETE CEPTH	SAMPLES F	GM MFI I	
512F WW	PESTLARVAE	JUVEN ILC S	SUBACULT FEMALES	ACLLT FEMALES	UNSTACEC MALES	SULACULT MALES	ACULT MALES	UNIFSIONATED	1. TALS
16	1								1
15	1								1
2"	1								ļ.
41	į								1
:3	i								
34	•								•
16 15 27 21 23 24 25 26	ž								2
Žt									•
	1								1
26 26 30									
25									
311	1								1
31									
22								7 76	
21 22 24 25 26 27								10	
24									
26									
1 د	1								1
CTALS	11		(	•	,		:	:	11

TARLE				e emecimist	CAUGET IN CI	SCRETE GEPTH	SAMPLES FI	ROM HED 2	
NCTGLE S126	PIS RISSCI PCSTLARVAE	JUVENILES	SUBAGULI FEMALES	ADULT FEPALES	UNSTAGED PALES	SUPA <b>Ř</b> ULT MALES	ACULT MALES	UNDESIGNATED	TGTALS
15 20 21 22 22 24 25 27 28 29 21 22 27 28 29 21 22 27 28 29 21 22 27 28 29 21 22 27 28 29 21 22 27 28 29 21 21 22 27 28 29 21 21 22 27 28 29 21 21 21 21 21 21 21 21 21 21 21 21 21	1 2 5 4 5 6 6 7 1 2 7 7		,					. ,	1 2 6 11 12 6 4 5 6 2 1 2 2 1 2 2 2
21 25 4 41 42	; ; 1								2 1 1
43 44 45 40 47 88	1 1								1
6 2 6 2 112 114			1			1			1
TLIAL	< £4	•	1	•		1	•	•	4.6

A CONTRACTOR OF THE PROPERTY O

之,是是一个人,我们是是一个人,我们是一个人,我们是一个人,也是一个人也是一个人,也是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们

TACLE	211								
ACTULL	P15 + 155c1		ALPIO II (	CH SPECIPERS	CAUPPE IN CL	SCHLTE (EFIF	SEPPLES FI	The Abold	
110	PCSTL##VAI	JUVI ILF S	SLLADULT FFALLS	ALLLT FEPALES	Unillied Malti	SUFABULT VALES	PALES	LNOF STONATO	TUTALS
17 1 1 1 2 1 2 2 4 2 5 2 2 4 2 5 5 6 6 1									1 2 2 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1
123 124	•		1	•				•	1
TUTALS	48	ŗ	1	٤	3		٤	0	45

TABLE	212								
ACTCLE	PIS RISSCI		ALPEEF (	CH SPECIPENS	CAUCHT IN CI	SCHOOL CLETT	SAPPLES FR	ICH MED 4	
» IZt	PCSTL ARVAE	JUVEN ILES	SCHADLLI FEPALES	AULLT Fr PALES	UNSTACED PALES	SUBALULT PALES	ACULT MALES	UNDESTENATE	1,1465
24	1								1
25 26 27 20 20 21 21							۴,	77	
55 51 50	ı								1
TCTALS	ŧ	C	¢		:		4.		2

MANDER OF SPECIMENS CAUGHT IN CISCRETE DEPTH SAMPLES FROM MED 8

SIZE POSTLANVAE JUVENILES SUBADULT ADULT UNSTAGED SUBADULT ADULT UNDESTMATED TOTALS

MAN PERALES FEMALES MALES MALES MALES

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MOTOLEFIS RISSOI

٠, ٠. پر NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES PROM MED SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET ENCLUDED

į			D	AY						MS	<b>0</b> HT	,		1 × 2
	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENTLE	HOUR SUBADULT	ADULT	NUMBER SAMP	OF	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	AGULT	SARP.	INDIY
	,	•	•				<u> </u> 	1.1	· 0.0	. 0:0 0.0 6.0	0.0 0.0 0.0	6.6 6.9 0.0	2	` {
	. 3.6	0.7	0.0	0.0	0.0	3	2	3.0	1.0	0.0	0.0	6.0	. •	1
	2.0				•		i	1.0	1.0	0.0	0.0	0.0	1	•
	2.0	0.0	0.0	0.0	0.0	2	١	3.0	0.7	0.0	0.0	0.0		
	3,0	. 0.0	· .	0.0	0.0	3	e l	3.0	0.0	0.0	0.0	, 0.0	.,	(
•		` , _			-		1	!					• •	
	2.0	0.0	. 0:0	0.0	0.0	2	٥						•	
ĺ	• •							!				ن ب <b>څ</b> د.	, i	
	3.0	0.3	0.0	قه	0.0	3	1	3.0	0.7	0.0	0.0	, 60	. \$	1
												,١		
	:	**										7-	že:	; 
	3,0	÷9.4	0.0	0.0	0.0	3	۰							



f/ 78.

1. A. 1.

不是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人的人, 第一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就

			D	AY			•• !			NI	GHT			
DEPTH	FOTAL HUURS		NUMBER FER JUVENILE		ADULT	AUPSER SAMP1		TOTA:	PUSTLARVA	NUMBER PER JUYEN ILE	HOUR SUBADULT	ADULT	NUMBE SAMP	CF INDIV.
50KI 25 51	2.0	/ <b># </b> •		c. c	0.0	2	0	11.9	0.0 0.5 2.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	24 3 1	0 1 4
75 105	2	5	0.6	0.C	0.0	2	1	1.0	20.0	0.0	0.0	C. 0	1	20
125 156	1.1	***	0.6	C.C	J.0	1	ا د	3.0	0.7	0.0	0.6	0.0	3	2
175	200	• 5	0.0	3.6	5.0	2		3.0	0.3	0.0	0.0	0.0	3	1
225 25	!						į							į
275   300   325   350	2.1	•••	:.0	c.c	≎•0	2	٥							
375 40 425 45	i	1		c. c	0	3	1	2.1	0.0	۲.0	J.0	0.0	2	0
475 50 575	t													ļ
57 573 61 6.25	i							1.3	1.0	C.0	3.0	C. 0	ı	1
67 675 7.,	! ! !													1
7c5 71 775 500	i I	1	0.0	0.5	0.0	1	16	3.0	1.7	0.6	0.0	C•0	3	5
825 850 879 93:														
9 A 975 1166	     .	,,,		٠.٠	3.3	l	;	3.0	Ç.O	0.0	i.3	C.0	3	1

TABLE 216 NOTOLEPIS RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES MITHIN 1.50 HOURS OF SUMRISE OR SUMSET EXCLUDED

的,这个人,我们是是一个人,我们就是一个人,我们

			0	AY				NIGHT						
DEPTH	TOTAL HOURS	POSTLARVĄ	NUMBER PER	HOUR - SUBADULT	ADULT	NUMBE SAMP	R OF	TOTAL	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER	
SURF							!	29.0	0.0	0.0	0.0	0.0	58	0
25 50 75	2.0	0.0	0.0	0.0	0.0	2	٥	1.1	0.0	0.0	0.0	0.0	1	١٠
100 125	4.0	0.3	0.0	0.0	0.0	•	2	1.0	3.0	0.0	0.0	0.0	1	3
150 175	2.0	0.5	0.0	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	٥
200	4.0	0.0	0.0	0.0	0.0	•	٥	2.0	0.0	0.0	0.0	0.0	2	٥
250 275							į							i
300 I	2.0	0.5	0.0	0.0	0.0	2	1	3.0	1.0	0.0	0.0	0.0	3	3
350 375								į						į
400 425	3.0	1.0	0.0	0.0	0.0	3	3	3.1	0.0	0.0	0.0	0.0	3	٥
450 475							į	į						į
500 525	3.0	0.3	0.0	0.0	0.0	3	1	3.0	0.0	0.0	0.0	0.0	3	٥į
550 575							İ	j						į
400 425	3.0	0.3	0.0	0.3	0.0	3	2	3.0	1.0	0.0	0.0	0.0	3	3
650 675							i	į						į
700 725							į	İ						į
750 775	2.0	4.5	0.0	0.0	0.0	2	•	3.0	1.0	0.0	0.0	0.0	3	3
850 825							į	ŀ						į
850 875							į	į			71	+	79	į
900 925							Ì						-	į
950 975	į							İ						į
1000	3.0	0.0	0.0	0.0	0.0	2	0	į						i

TABLE 217 NOTULEPIS RISSOS

# NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES MITHIN 1-50 HOURS OF SUMRISE OR SUMSET EXCLUDED

		D.	AY			!	1		NI NI	GHT			
TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP	R OF INDIV.	TOTAL	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP	
							7.8	0.0	0.0	0.0	0.0	15	0
						į	1.0	1.0	0.0	0.0	0.0	1	1
							1.0	0.0	0.0	0.0	0.0	1	0
1.0	0.0	0.0	0.0	0.0			1.0	0.0	0.0	0.0	0.0	1	0
•••	0.0	V.U	0.0	0.0	1	. •	1.0	0.0	0.0	0.0	0.0	1	0
1.0	0.0	0.0	0.0	0.0	ı	٥	1.0	0.0	0.0	0.0	,0.0	1	0
1.5	0.0	0.0	1.0	0.0	1	1	1.0	0.0	0.0	0.0	0.0	1	a
1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	2.0	0.0	1	
1.0	0.0	0.0	0.0	0.0	ı	٥						_	
						ļ	1.0	0.0	0.0	0.0	0.0	1	C
						ļ	}						
2.0	0.0	0.0	.0.0	0.0	2	١٠							
							1						
						ļ	1						
						1	1						
						- 1	1						
						į	1						
						ŀ							

TABLE 218 NOTOLEPIS RISSOI DAY

# HUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES MITHIN 1.50 MOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (#)		
MM	150	235	375	500	700	940
20 21	0.3					
21 22	0.3					
22 23 24 25						
25 26 27						
28						
29 30						
31 32 33						
34						
35 36						
37					0.3	
NO./HOUR	C.7	0.0	0.0	0.0	0.3	0.0
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	2	0	0	0	1	0
NO. SAMPLES	3	2	3	2	3	3

and the second s

SIZE		DEP	THS SAMPL					
nn.	SURF	100	150	200	300	400	800	1000
22 23 24 25 26		0.5		0.5		0.3	1.0 0.5	
27 28 29 30 31 32 33							0.5 9.9 1.0 1.0	
34 35 36 37 38							1•0	
37 40 41 42 43 44 45							0.5	
45 65 113							0.3	
114							0.5	
NO./HOUR	0.0	0.5	0.0	0.5	0.0	0.3	.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	1	0	1	0	1	16	9
NO. SAMPLES	2	2	1	2	2	3	1	1

TABLE 220										
NOTOLEPIS RISSOI DAY								DEPTH SAM UNSET EXC		MED 3
SIZE		DEP	THS SAMPL	ED (H)						
мм	50	100	150	200	300	400	500	600	750	1000
19		0.2								
20					0.5					
19 20 21 22 23 24 25 26 27 20 29 30 31		0.2	0.5			0.3	0.3	0.3		
26							0.5		0.5	
20									0.5	
30						0.3			1.5	
<u>ii</u>						049			1.0	
<u> </u>									0.5	
125 184								0.2		
NO./HOUR	0.0	0.3	J. 5	0.0	0.5	1.0	0.3	0.7	4.5	0.0
NO. HOURS	2.0	4.0	2.0	4.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	٥	2	1	٥	1	3	1	2	•	0
NO. SAMPLES	2	•	2	•	2	3	3	•	,	,

TABLE	221						
NOTOL EP IS DAY	RISSOI			IN DISCRETE SUMMISE OR		MED	5

SIZE MM						
****	160	250	340	410	495	475
90			1.0			
NO./HOUR	0-0	0.0	1.0	0.0	0.0	0.0
NG. HOURS	1.0	1.0	1.0	1.0	1.0	2.0
NO. SPEC.	0	0	1	0	0	0
NO. SAMPLES	1	1	1	1	1	2

TO THE THE PROPERTY OF THE PRO

TABLE 222 NOTOLEPIS RISSOI NIGHT

,我们就是这个人,我们是这种的人,我们就是这个人,我们就是这个人,我们也是一个人,我们也不是一个人,我们也不是一个人,我们就是这个人,我们就是这种人,我们就是这

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUMRISE OR SUNSET EXCLUDED

SIZE		DEP	JAKAS SHT	ED (M)					
MM	25	40	70	150	190	235	400	700	
18 19				0.3 0.3					
20 21 22					1.0				
21 22 23 24 25 26				0.3					
25 26						U-7			
27 28 29								0.3	
30					•			0.3	
NO./HOUR	0.0	0.0	0.0	1.0	1.0	0.7	0.0	0.7	
NO. HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0	
NG. SPEC.	0	0	C	3	1	2	0	2	
NO. SAMPLES	2	1	1	3	1	3	3	3	

TABLE 223 .

NOTOLEPIS RISSOI NUMBER OF SPECIFIENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES MITHIN 1.50 MOURS OF SUMRISE OR SUMSET EXCLUDED

DEPTHS SAMPLED (M)

SIZE		DEP	THS SAMPL	ED (M)						
nn	SURF	12	45	100	150	200	400	600	800	1000
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47				1.0						
20				1.0						
21			1.0	4.0	0.3					
23			1.0 1.0	7.0	0.3				0.3	
24				7.0 2.0						
25										
26									0.3	
27						0.3			0.3	
29									0.5	
30										
31		0.5						1.0		
32										
33									0.3	
3 <b>4</b> 35									0.5	
36										
37										
36										
39										
40 41										
42										
43										
44										
45										
40 47									0.3	
<u>~</u>									•••	
Ħ										0.3
NO./HOUR	0.0	0.5	2.4	10.0	0.7	0.3	•••	1.0	1.7	0.3
NO. HOURS	11.4	1.5	2.0	1.6	3.0	3.0	<b>4</b> . s	1.0	3.0	3.0
NO. SPEC.	•	1	4	20		1		ı	5	1
NO. SAMPLES	24	3	1	1		3	Z		3	3

TABLE	224
-------	-----

TABLE 224				•				<b>t</b>		
NOTOLEPIS RIS	<b>5</b> 01			in of spec Mes within	11005 PE	HOME SE	MISCASTE RISE ON I	portu gan undar du	ALES MAIN LUCEO	100 3
SIZE		<b>ac</b> /	THE SAMP	(8) 69)		•				
····	SURF	30	100	150	200	300	400	500	400	750
18 19 20 21 22 23 24 25 26 27 28 29 30			1.0	`						
21			. 1.0 -							
23						0.3			• •	
25					•				0.3	
27									0.3	
29 30 31						••\$	•	•	0.3	0.1 0.3 0.3
NO./HOUR	0.0	0.0	3.0	0.0	•.•	1.0	0.0	4,0	1.0	1.0
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
MO. SPEC.	•	•	3	•	•	•	•	•	3	3
NO. SAMPLES	50	1	1	; 3	2	1	3	•	3	3

NOTOLEPIS RIS NIGHT	1083						DISCRETE RISE OR S		PLES FROM LUCEO	MED 5
SIZE		DEP	THS SAMPLE	(A)						
MM	SURF	50	80	135	155	290	325	425	510	
21		1.0								
NO./HOUR	0.0	1.0	9.0	0.0	•.0	•.0	0.0	0.0	0.0	
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	

115675	444								
PARALE	IS C. CCREGO	NO ICES	NUMBER (	CF SPECIPENS	CAUGHT IN CI	SCPETE CEPTH	SAMPLES FI	RUM MFC 1	
512£	PESTLARVAE	JUVENILE S	SIBADLLT FEPALES	ACLL1 Fepales	UNSTAGEC PALES	SUPACULT MALES	ACULT MALES	UNDESTUVATED	TCTALS
1e 17	i 3								2 3 3
16 15 20 71 22 22 24 25 26 27	1								1
22 23 24	1								i
25 26 27 28	1 1 2				. •				1 2
26 29 20 31 32	1 1								1
32 33 34 35 26	1								1
TETALS	22	(	c	c	С	•	c	:	22

THE PROPERTY OF THE PROPERTY O

1 Att. 237		
PARALEPIS C.	CGAFCUNU ICES	NLMBEH CF

ALBRES CE	SFECIPENS LALUFT	1 4	PISCULTE	CEATL	CAMULE C	£ 14		
1. C. D. C. C.	SECCIPENS CHOOF!	10	CISCHELL	LEFIF	SPAPLES	CKUT	5,1	•

517	PLSTLARVAE	JUVENILE S	StUADLLT FEPALLS	ACLL1 Frales	UNSTACEL MALES	SUBACULT Males	ADULT MALES	UNULSICANTE	r lar
14	ž								
17									•
1.	ξ,								4
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2.	ž								
٠2	2								
24									
• •									
27 27	í								,
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•	ž								
11	,								1
31	•					•			•
34	1								•
* .	•								•
•	1								
•	•								•
I let.	5€	•	c	c	0	,	ſ		

T/(LE 228

TYTLE	225								
FAVALE	PIS C. CCREGO	NILUES	NUMBER OF SPECIFERS CAUGHT IN CISCRETE CEPTH SAMPLES FROM to.						
5121	FLSTLEPVAL	JUVEN ILES	SLJAULLI FEMALES	PULLT FERALES	UNSTACEC PALES	SUFACULT PALES	* ALES	U-06212/AT.	• 1-,
16 17 1c	13								1
1 , 21	2 4 2						lund it	om 6	
21 22 24 25	3					Repro	available	om copy.	:
/t /1	į 1								1
; ; 3; 21	ž								•
22	1								1

TAELE 229

PAPALER	IS C. CCREGO	NUTCES	ALPBER OF SPECIPENS CAUGHT IN RESCRETE CEPTH SAMPLES FACE MEDICAL							
312E 44	PCSTLARVAE	JUVEN ILE S	SIGADLLT FEMALES	ACULT FEPALES	UNSTAGEC MALES	SUBACULT MALES	ACULT MALES	brot. Bomi		
152			1							
TCTALS	c	c	1	c	0	0	G		1	

NUMBER OF SPECIPENS PER HOUR IN DISCRETE DEPTH SAMPLES FRUM MED. 1 SAMPLES WITHIN 1-50 HOURS OF SUNRISE OR SUNSET EXCLUDED.

		D	AY .				NIGHT							
TUTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBABULT	ADULT	NUMBER SAMP1		TOTAL HOURS		NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMPI		
							1.1	0.0 0.0 0.0	C.0 0.0 0.0	0.C 0.0 0.0	0.0 0.0 0.0	2 1 1	0	
3.0	v.C	0.0	0.0	0.0	3	١	3.0	0.0	0.0	9.0	c.6	3	ů	
2•€	c.a	c. 0	0.0	0.0	2	٥	3.0	0.0 0.0	0.C	c.o	0.0 6.0	1	0	
3.6	6.9	c.c	<b>c.</b> c	0.0	3	o	3.0	0.0	0.0	0.0	0.0	3	0	
•	c.5	<b>c.</b> 0	, c.c	0.0	· 2	1								
.3	2.3	0.6	c.o	0.0	3	6	3.0	1.7	c. ?	<b>3.</b> c	0.0	3	5	
3 <b>.</b> C	3.3	0.0	c.o	0.0	3	10								

TABLE 231
PARALEPIS C. COREGONOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

j			0	AY	<b></b> _			NIGHT						
DEPTH	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE		ADULT	NUMBE SAPP		TOTAL HOURS		JUVENILE	HOUR SUBADULT	ADUL T	NUMBE	
SUR F 25 50	2.0	0.0	0.0	0.0	0.0	2	0	11.9	0.0 0.9 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0	24 3 1	į
75 130	2.0	0.0	0.0	0.0	0.0	2	١٠	1.0	1.0	0.0	0.0	0.0	1	1
125 150	1.0	0.0	0.0	0.0	0.0	1	١٠	3.0	0.0	0.0	0.0	0.0	3	n
175 200 225 250	2.0 	0.0	0.0	<b>c.</b> 0	0.0	2	٥	3.0	0.0	0.0	0.0	0.0	3	0
275 300 325 350	] 2.0 i	0.0	0.0	0.0	9.0	2	۰							
375 400 425 450 475 500	3.9	<b>6.</b> 0	6.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	ə
525 550 575 600 625 650 673 700	 							1.0	1.0	0.0	0.0	0.0	ı	1
725 750 775 600 825 850 875	2.0	4.0	0.0	0.0	0.0	1	•	3.0	3.7	0.0	n.o	0.0	3	11
900 925 950 975 1000	1	14.0	0.0	0.0	0.0	1	14	3.0	2.3	0.0	0.0	0.0	85	,

TABLE 232

PARALEPIS C. CCREGONDIDES

NUMBER OF SPECIMENS PER HOUR IN D.SCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	} 		0	AY			į	NIGHT						
EPTH M	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE		ADULT	NUMBE SAMP		TOTAL	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP	
SURF 1	İ				,		<u> </u>	29.0	0.0	0.0	0.0	,0.0	58	0
50 75		0.0	0.0	0.0	0.0	2	ا ہ	1.1	0.0	0.0	0.0	0.0	1	0
100 125	6.0	0.3	0.0	0.0	0.0	•	2	1.0	1.0	0.0	0.0	0.0	1	1
150	2.0	1.0	0.0	0.0	0.0	2	2	3.0	0.0	0.0	0.0	0.0	3	0
200   225   250	l 6.0	0.0	0.0	0.0	0.0	•	0	2.0	0.0	0.0	0.0	0.0	2	0
275 300 325 350	2.0	0.0	0.0	0.0	0.0	2	0	3.0		0.0	0.0	0.0	3	0
375 400, 425 450	3.0	0.0	0.0	0.0	0.0	3	٥	3.1	0.0	0.0	0.0	0.0	3	0
475 500 525 550	3.0	0.0	. 0.0	0.0	0.0	3	0	3.0	0.3	0.0	0.0	0.0	3	1
575 600 625 650	3.0	0.3	0.0	0.0	0.0	3	1	3.0	0.3	0.0	0.0	0.0	3	1
675   700   725   750   775	     2.0	0.5	0.0	0.0	0.0	2	1	3.0	5.0	0.0	0.0	0.0	3	15
875   875   900   925							• • • •							
950   975   1000	3.0	7.6	0.0	0.0	0.0	2	22	Ì						

TABLE 233
PARALEPIS C. COREGONOIDES

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUMRISE OR SUMSET EXCLUDED

]			D	AY				NIGHT								
DEPTH M	TOTAL HOURS	POSTLARVA	MUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP	R OF INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP			
SURF								7.8	0.0	0.0	0.0	0.0	15	0		
25 50							į	1.0	0.0	0.0	0.0	0.0	1	0		
75   100							ļ	1.0	0.0	0.0	0.0	0.0	1	0 !		
125 150	1						ļ	1.0	0.0	0.0	0.0	0.0	1	0 !		
175 200	1.0 	0.0	0,0	0.0	0.0	1	١٠	1.0	0.0	0.0	0.0	0.0	1	0 ;		
225 250	1 1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0		
275 300																
325 350	1.0	0.0	0.0	0.0	0.0	1	, i	1.0	0.0	0.6	1.0	0.0	1	1 ;		
375 400					-	•	Ĭ	İ								
425 450	1.0	0.0	0.0	0.0	0.0	1	٥	1.0	0.0	0.0	0.0	0.0	1	٥		
475 500		0.0	0.0	0.0	0.0	1	, i	į						į		
525 550	<u> </u>	•••	0.0	•••	0.0	•	ŭ	1.0	0.0	0.0	0.0	0.0	1	ော်		
575 AO0							į	i						į		
625	į						į	İ								
450 475		0.0	0.0	0.0	0.0	2	٥							!		
700 725	İ							i						i		
750 775	į										•	56				
800 825	}													1		
850 875	ļ						ļ							!		
900 925	ļ						l							!		
950 975	ļ						1							i		
1000	j						i	Ì						i		

TABLE 234

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PARALEPIS C. COREGONOIDES
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEF	THS SAMPL	ED (P)		
***	150	235	375	500	700	940
16 17 18 19					0.3 0.7 0.3	
20 21 22 23 24				0.5	0.3 0.3	0.7 . 0.3 . 0.3
25 26			•			0.3
27 28 29 30			•			0.3 0.7
31 32 33 34 35						0.3
36						0.3
NO./HOUR	0.0	0.0	0. C	0.5	2.0	3.3
NO. HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NO. SPEC.	0	0	C	1	٠.	10
NO. SAMPLES	3	2	3	2	3	3

TABLE 235

PARALEPIS C. COREGONOIDES NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (H)				
пя	SURF	100	150	200	300	400	800	1000
16 17 18							0.5	1.0
19 20							0.5	1.0
21 22 23	•						0.5	1.0
24 25 26								1.0 2.0 2.0
27 28 29 30								1.0
31 32 33 34 35 36 37							0.5	
39								2.0
NO./HOUR	0.0	0.0	0.0	0.6	0.0	0.0	4.0	14.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NG. SPEC.	•	•	•	0	0	0		14
NO. SAMPLES	2	2	1	2	2	3	1	1

The State of the State of the State of the State of States of Stat

TABLE	236
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PARALFPIS C. C	OREGUNO 10	ES	NUMB E Sampl	R OF SPEC ES WITHIN	IMENS PER 1.50 HOU	HOUR IN	DISCRETE RISE OR S	DEPTH SAN	PLES FROM LUDED	NED 1
312E		069	THS SAMPL	.EO (+)						
	50	100	150	200	300	400	500	400	750	1000
16 17 18		0.2						0.3	0.5	1.2
19 20 21 22 23			0.5							0.7 1:0 C.1
24 25 26 27 28 29 30			0.5							0.2 0.7 0.2 0.5
31 32 33										0.2
NO./HOUR	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.3	0.5	7.6
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	2	2	0	0	0	0	1	1	22
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

148LE 237

PARALEPIS C. CURFGUNGIDES
AUMBER OF SPECIMENS PEN HOUR IN DISCRETE CEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS OF SUMMISE OR SUMSET EXCLUDED

SIZE		DEP	THS SAPPL	ED (P)				
	25	40	7C	150	190	235	400	700
16 17 18 19 20 21 22 23 24 25 26 27								0.3 0.3 0.7
28 29 30 31 NC-/HCUR		• •	•					0.3
	C.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
NC. FOURS	1.1	1.0	1.0	3.C	1.0	3.0	3.0	3.0
NO. SPEE.	0	c	c	o	•	0	0	5
NC. SAMPLES	2	1	ı	3	1	3	3	3

TABLE . 238

PARALEPIS C. (	COREGONO LOE!	\$			IPERS PER 1.50 HOU		DISCRETE RISE OR S			MED S
STZE MM		DEPTH	S SAMPLED	(+)						
~~	SURF	12	45	100	150	200	400	600	800	1000
17 18 19 20 21 22 23 24 25 26 27 28 27 28 29 30 31 31 32 32 32 34 35		0.9		1.0				1.0	0.7 0.3 1.0 0.7 0.3	
23 24 25										0.7
27 28 29									2.3	0.3
30 31 32										0.7
32 34									0.3	
35 36										0.3
NO./HOUR	0.0	0.9	0.0	1.0	0.0	0.0	0.0	1.0	3.7	2.3
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0 ;
NO. SPEC.	0	1	0	1	0	0	0	1	11	7
NO. SAMPLES	24	3	1	ŧ	3	3	2	1	3	3

NLE 239			
ARALEPIS C. COREGONOIDES NIGHT		NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES MITMIN 1.50 HOURS OF SUMRISE OR SUMSET EXCLUDED	
IZ€	DEPTHS	SAMPLED (M)	

では、これでは、これでは、これでは、これでは、これでは、これでは、これできる。これできる。これできる。これできる。これできる。これでは、これできる。これできる。これできる。これできる。これできる。これできる。これできる。 「日本のでは、「日本のでは、これでは、日本の

SIZE		DEPTHS SAMPLED (M)											
	SURF	50	100	150	200	300	400	500	400	750			
16 17 18										0.6 2.4			
19 20 21					•					0.4 0.3 0.3			
23									0.3				
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32								0.3		0.6			
29 30 31			1.0					-					
32										0.3			
NO./HOUR	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.3	0.3	5.0			
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0			
NO. SPEC.	0	0	1	C	0	0	0	1	1	15			
NO. SAMPLES	50	• 1	1	3	2	3	3	3	3	3			

TABLE 240	
PARALEPIS C. COREGONCIDES	NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUNNISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (M)					
08	SURF	50	80	135	155	250	325	425	510
153							1.0		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	0	0	0	0	1	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

TARLE 241

EVERMANNELLA MALMU ALMBER CH SPECIMENS CAULHT IN DISCHETE COPTH SAMPLES FROM MED 2

SIZE POSTLARVAE JUVETILES SUBADLIT ACULT UNSTAGER, SUBADLIT ACULT UNCESTUNATIO 1 TILS

MM. PALES PALES PALES PALES PALES

15 16 17 18 15	1								ì
20 21 87		1	1						1
TCTALS	1	1	1	c	ა	0	c	:	ż

TARLE 242 EVERPANNELLA BALEO AUPBER OF SPECIFERS CAUGHT IN CISCRETE CEPTH SAPPLES FROM MED 2 ADULT FEPALES LASTAGED PALES SUBACULT MALES 5 1 / t SLEADLLT FEMALES ACULT MALES CHESTENATED TOTAL: JUVENILES 32 1 c 3 ; c TETALS

THE PARTY HAVE BEEN AND AND THE PARTY AND ADDRESS OF THE PARTY AND ADDR

EVERMAN	MELLA PALBO		AUMBER (	F SPECIPENS	CAUGHT IN CI	SCRETE GLPTH	SAMPLES F	RUM 4EU 4	
\$12F	PCSTLARVAE	JUVEN ILES	SUBACULT FEMALES	ACULT FEPALES	LASTAGEC PALES	SUBALULT MALFS	/CULT MALES	UNCESIGNATED	ICTALS
24		1							1
TCTALS	c	1	c	C	ι	າ	ટ	•	ı

de la company de la company de la company de la company de la company de la company de la company de la company											
The desired in the second of t											
ه. کارگزاری	TACLE	243									
No.	EVERMAN	INFLLA PAL	.60	AUMBER	CF SPECIPENS	CAUGHT IN C	ESCRETE GLPI	TH SAMPLES F	RJM 4EU 4		
<b>! ! ! !</b>	\$ 1 2 f	PCSTL ARV	IE JUVENILLS	SUBACLLT FEMALES	ACULT FEMALES	LASTAGEC PALES	SUBALULT MALFS	/CULT	LUCF S I GNA 1 LO	ICTALS	
•	74		1							1	
t.	TCTALS	c	1	C	c	)	າ	ů	•	1	
· ·				•							
	TABLE	244									
r	FVF:##N	MELLA BAL	8L	AUPUER	CF SFLCIPENS	CAUCHT IN LI	SCAFFE LEPT	H JAPPLE, F.	. 4 MED		
	\$12£	PCSTLARVA	E JUVENILES	SUBABLLT FEPALES	ACULT Fepales	UASTALLE PALES	SULACULT MALES	ALULT PALES	CHEESE AL.	icl d:	
	44		1							_	
	TCTALS	c	1	·	c	١	1			1	
	: ABLE	948					•				
t		MNELLA BA	L 80			S PER HOUR IN					
		•		DAY			† <b>†</b>		NIGHT	·	••
	HT930		NUMB POSTLARVA JUV	FR PER HOUR ENILE SUBAD	ULT ADULT			PUSTLARVA	TUMBER PER HOUR JUVENILE SUBAI	DULT AL	,,
-	SURF 25	2.0	0.3	0.0	0.0 0.0		11.9	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	
-	75 100	2.0	0.0	0.0	0.0 0.0	2 0	1.0	0.0	0.0	0.0	,
	125 150		0.0	0.0	0.0 0.0	1 0	3.0	0.0	0.0	0.0	•
	175 200 225	2.0	0.7	0.0	0.0 0.0	2 0	3.0	0.3	0.0	0.0	(

1 🗫

į			0	AY			į	NIGHT							
PTH M	TUTAL HOURS	POSTL ARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER		TOTAL	PUSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	AUULT	NUMBER		
URF	2.0	0.0	0.0	0.0	0.0	2	١٥	11.9	0.0 0.0	0.0	0.0	0.0	24	0	
50 [							j	2.0	0.0	0.0	0.0	0.0	í	ŏ	
75	2.0	0.0	0.0	0.0	0.0	2	١٥	1 . 1.0	0.0	0.0	0.0	0.0	1	0	
125		0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0	
175	1			0.0		2	ì	3.0		0.0		0.0	3		
200	!	3.7	0.0	0.0	0.0	2		7.0	0.3	0.0	0.0	0.0	3	1	
250							1	-							
300	2.0	0.0	0.0	0.0	0.0	2	0 1	1							
350	1						į	į							
375 I		0.0	0.0	0.0	0.0	3	ا ہ	2.1	0.0	0.0	0.5	0.0	2	1	
425								1							
475 500	j						į	ĺ							
525	!						į	į							
550 I							- 1	-							
600							į	1 1.0	0.0	0.0	0.0	0.0	1	0	
650	1						ì	į							
675 700	j						į	ļ							
725 750							i	i							
775	ŀ	0.0	0.0	0.0	0.0	1	١	3.0	0.0	0.0	0.0	0.0	3	0	
825		•••	•••	•••	•	•	Ĭ	1 300	•••	***	•••	,,,,		•	
850 875							ļ	ļ							
900	[ }						l	}							
950							į	Ì							
1000	1.0	0.0	0.0	0.0	0.0	1	اه	3.0	0.0	0.0	0.0	0.0	3	0	

THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY AND THE PROPERTY OF THE PROPERTY

TABLE 246 EVERMANNELLA BALBO

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### NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUMRISE OR SUMSET EXCLUDED

Ì	 		0	AY				NIGHT								
DEPTH M	TOTAL HUURS	PI) STL ARVA	NUMBER PER JUVENILE		ADULT	NUMBER Samp 1		TOTAL	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP1			
SURF 25								29.0	0.0	0.0	0.0	0.0	58	Ú		
50 I	1 2.0	0.0	0.0	0.0	0.0	2	٥	1.1	0.0	0.0	0.0	0.0	1	0		
100	6.0	0.0	0.0	0.0	0.0	6	۰į	1.0	0.0	0.0	0.0	0.0	ı	0		
150	2.0	0.3	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	5	0		
200 i	i I	0.0	0.2	0.0	0.0	6	ıj	2.0	0.0	0.0	0.0	0.0	2	0		
250   275   300   375 350	Ì	0.3	0.0	0.0	0.0	2	0	3.0	n.o	0.0	0.0	. 0.0	3	0		
37 4		0.7	0.0	0.0	0.0	3	0	3.1	0.0	0.0	0.0	0.0	3	o		
		0)	0.0	0.0	0.0	3	٥	3.0	. 0.0	0.0	0.0	0.0	3	o		
625 650 675	) 	0.0	0.0	0.0	<b>u.0</b>	3	٥	3.0	0.0	0.0	c•0	g. 0	3	0		
707 725 750 775 800 825 850 875	2.0	0.1	0.0	0.0	0.0	2	o	3.0	0.7	0.0	0.0	0.0	3	3		
925 950 975 1000	i       3.0	0.3	0.0	0.0	0.0	2	0		***				*****			

EVERMANNELLA DAY	BALBO				IMEMS PER					4 MED 3
SIZE		DEF	THS SAMPL	.ED (4)						
MM	50	100	150	200	300	400	500	600	750	1000
32				0.2						
NO./HOUR	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	4.0	2.0	4.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	1	•	0	0	0	0	0
NO. SAMPLES	2	•	2	•	2	3	3	3	2	2

NUMBER OF SPECIMENS PER MOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES MITHIN 1.50 MOURS OF SUNRISE OR SUMSET EXCLUDED EVERMANNELLA BALBO NEGHT SIZE DEPTHS SAMPLED (#) SURF 100 150 200 400 600 800 1000 0.5 NO./HOUR 0.0 0.0 0.0 0.0 9.0 0.5 0.0 0.0 0.0 NO. HOURS 1.5 11.9 2.0 1.0 3.0 3.0 2.1 1.0 0 1 0 0 0 24 1 3

是一个人,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们也是这个人,我们就是这个人,我们就 1906年,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们

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1 # EL E 2			44 5	re 6. 11855'	Caluff In ()	ardi to Ir	المرادية والمرادية	0.0 (C. 1	
FFECL+C	1:2:1+ 44		PUPIER (	th is clean.	CHOCK IN .				
514	FL STL INVA-	JUVEN ILE !	SLUAULLI FEPALES	FURTUS	UNSIACE! *ALES	rate i	ALUE!	t 11 - 1	icl i
2	1	4							1 ?
, 17	1	•							i
11 12 1?		ı				1			4
14 15 16								1	1
TCTALS	2	5	c	c	•	1	•	ı	1 -

TABLE ELECTRO	250 BNA H 155C 1		ALPRE'	CF SPECIPENS	CALUFT IN CI	Jacarte afffr	SAMPLE, F	tin new 2	
512t	PESTLANVAE	JUVEN ILE S	SLEACLET FEPALES	AULL1 Fepales	UNSTAGEL PALES	SULACULT PALES	#LULT WALES	tart al. 11	1 64.
9 15	1	1						1	,
11 12 13		i				1		·	i
15			2			1			1 4
4G TCTALS	1	ė	2	•	ə	2	1	1	14

HANDER OF A STATE OF A STATE OF A STATE OF STATE

TPELL	251								
FLELTH	10221 · AZE		ALMBER (	F SPECIMENS	CAUGHT IN CI	SCHETE LEPTH	SAPPLES F	Him seli 3	
312F	PLSTLANVAL	JUVENILES	SURADULT FEMALES	AGLLT FL PALES	UNSTAGED PALES	SUBACULT Malés	ACULT MALES	U-IDESIGNATO	TC TAL 3
1	1								1
1; 1;	1	1 1							<i>i</i> 1
1+ 15		•	1						1
41			1						1.
<u>;</u>						1			3
7						1			1
27 46 27			1			1			
11				1					1
रा 42 42				1					1
45				1					ì
TLTALS	ż	2	4	ÿ	3	3	:	•	15

是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们们是一个时间,我们们的时间,我们

をなっていましょう ころこ

**%** 

TABLE 282

ELECTRUMA <15531 NUMBER OF SPECIPENS PER MOUR IN DISCRETE DEPTH SAMPLES FRUM MED 1
SAMPLES MITHIN 1.50 HOURS OF SUNKISE OR JUNSET EXCLUDED

		0	AY			!	!	<b></b>	NI	GHT			
TJTAL 16UKS		JUVEN ILE		ADULT	AUMBEI Samp		TUTAL		NUMBER PER JUYENILE		AUULT	NUPBER SAMP1	
							1.0	0.0 0.0 0.0	C. C C. U G. O	0.0 0.0	0.C G.C C.O	2 1 1	0
3.0	U. 3	0	C.0	0.0	3	. !	3.0	0.0	c.0	ç.c	G.C	3	0
						į	1.0	0.0	0.0	:.0	G. C	1	c
2•C	0.0	0.0	G• 0	0.0	2	٥	3.0	0.0	c.0	0.0	J. C	3	0
3.0	c.s	0.C	0.0	0.0	3	٥	3.0	0.0	0.0	Ů <b>.</b> 0	G. 0	3	c
2.0	c•0	0.0	0.0	0.0	2	٥	; ; !						
3.0	ċ <b>.</b> 3	2.0	0.0	0.0	3	7	3.0	0.0	1.0	<b>0.</b> 0	0.0	3	3
3.0	0.5	<b>0</b> • C	0.0	•.0	,	0	 						

1/ 93

TABLE 253 ELECTRONA RISSOI

### NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

			0	AY						N1	GHT			
OEPTH M	TJTAL HJURS		NUMBER PER JUYENTLE		ADULT	NUMBER		TOTAL	POSILARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP	
SURF   25   50		0.0	0.0	0.0	0.0	2	0	11.9	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	24 3 1	0 0
75 100	2.0	0.0	0.0	0.0	0.0	2	0 <u>i</u>	1.0	0.0	0.0	0.0	0.0	1	0
125	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.3	0.0	0.0	0.0	3	1
175 200 225 250	2.0 	0.0	7.0	0.0	0.0	2	a	3.0	0.0	2.0	1.7	0.0	3	11
275 300 325 350	1 2.0	0.0	0.0	0.0	0.0	2	0							
375 400 425 450 475 500	3.0	0.0	0.0	0.0	0.0	3	٥	2.1	0.0	0.0	0.0	0.5	2	1
525 550 575 670 625 650 675	 						   1   1   1   1	1.0	0.0	0.0	0.0	0.0	1	o
700 725 750 775 800 825 850	i   	0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0
875 900 925 950 975 1000	i 9 4 1	0.0	0.0	0.0	0.0	1	o	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 254 ELECTRONA RISSOI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

9		*********	0	A Y	******			!		NI	GHT			
DEPTH	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP!	OF MDIV.	TOTAL	PUSTLARVA	NUMBER PER JUVENILE	HOUR Subadul T	ADUL T	NUPBER	
SURF								29.0	0.0	0.0	0.0	0.0	58	οį
25   50	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	٥
75 (	6.0	0.0	0.0	0.0	0.0	6	١٠	1.0	0.0	0.0	0.0	0.0	ı	١٥
125	·	0.0	0.0	0.0	0.0	2	0 1	3.0	0.0	0.0	0.0	0.0	3	١٥
175						•	Í	2.0	0.0	0.0	3.0	0.5	2	7
200   225		0.0	0.2	0.0	0.0	•	1	2.0	0.0	0.0	,,,	0.,	•	j
250 275	ì					_	_ !					• •		, i
300 I		0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0 1
350 375														
400 425	3.0	0.0	0.0	0.0	0.0	3	١٥	3.1	0.0	0.0	0.0	0.3	3	1
450 475	ı						Ì	İ						- 1
500	3.0	0.0	0.0	0.0	0.0	3	٥	3.0	0.0	0.0	0.0	0.3	3	1 j
525 550	ì						į	i						į
575 600	1 3.O	0.0	0.0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	•	c
425 450							i	1						ļ
475 700							1	<b> </b>						ļ
725 750	ı	0.5	0.5	0.0	0.0	2	2	3.0	0.0	0.3	9.0	0.0	3	1
775	İ	•••	•••	•••	•••	-	- 1		•				-	į
800 825	1													i
850 875							į				7	O	1	Ì
900 925											` '	9.	¥	 
950 975	l													ļ
1000		0.0	0.0	0.0	0.0	2	0	i i						i

TABLE 255 ELECTRONA RISSOI DAY

NUMBER OF SPECIMENS PER 1-YUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES MITHIN 1.50 HOUR! OF SUMRISE OR SUMSET EXCLUDED

SIZE		DEF	THS SAPPL	.EO (M)		
<b>n</b> n	150	235	375	500	700	940
?	0.3			,		
9 10 11					1.0 1.0 0.3	
NO./HOUR	C.3	0.0	0.C	0.0	2.3	0.0
NO. HOURS	3.0	2.C	3.0	2.0	3.0	3.0
NG. SPEC.	1	c	C	0	7	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 256

ELECTRONA RISSOI MUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
DAY SAMPLES MITHIN 1.50 MOURS OF SUNRISE ON SUNSET EXCLUDED

SIZE		DEF	THS SAMPL	ED (#)						
***	50	100	150	200	300	400	500	400	750	1000
9 10 11									0.5	
NO./HOUR	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.0	0.0
NO. HOURS	2.0	4.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	1	٥	٥	٥	0	2	0
NO. SAMPLES	2	•	2	•	2	3	3	3	2	2

TABLE 257

ELECTRONA RISSOL NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
MIGHT SAMPLES MITMIN 1.50 HOURS OF SUMRISE OR SUMSET EXCLUDED

SIZE DEPTHS SAMPLED (P) 235 400 700 0.7 0.3 NO./HOUR 0.0 0.C 0.0 0.0 0.0 0.0 0.0 1.0 1.0 3.0 3.0 3.0 0 0 3 THE SECTION OF THE PROPERTY OF

TABLE	25	8
ELECTRO NIGHT	NA	RISSOI

NUMBER OF SPECIMENS PER YOUR IN DISCRETE DEPTH SAMPLES PROM MED 2 SAMPLES METHEN 1.50 HOURS OF SUMRISE OR SUMSET EXCLUDED

SIZE		DEF	THS SAMP	LED (H)						
	SURF	12	45	100	150	200	400	400	. 800	1000
9 10 11 12 13					0.3	0.3 1.7 0.7 0.3				
14 15 16 17				•		0.3 6.7	6.5			
NO./HOUR	0.0	0.0	0.0	0.0	0.3	4.0	0.5	9.0	0.0	. 0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2-1	1.0	3.0	
NO. SPEC.	0	٥	0	0	į	12	<u>.</u>		0	3.0
NO. SAMPLES	24	3	1	1	3	3	2	1	3	0 3

ELECTRONA					IN DISCRETE			IOM MED	3
n i ght	•	SAMPLES W	ITHIN 1.50	HOURS OF	SUNRISE OR	SUNSET	EXCLUDED		

SIZE MM		DEP	THS SAMPL	.ED. (#)						
717	SURF	50	100	-150	200	300	400	500	400	750
.2										0.3
10 10 20 21 22 23 24 25 26 27 28 20 30 31 43 44					0.5 0.5					
21					0.5					
23					0.5					
25 25					0.5					
26 27										
28 29					0.5					
<u>11</u>					0.5					
स							0.2			
45						* <b>,</b>	•	0.3		
NO./HOUR	0.0	0.0	. 0.0	0.0	3.5	0.0	0.3	0.3	0.0	0.3
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3,0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	•	•	7	•	1	1	0	1
NO. SAMPLES	50-	1	1	3	2	3	3	3	3	3

-TARLE	260

513E	PESTLARVAE	JLVEN ILES	SIBADULT FEMALES	ACULT -FEPALES	UASTAGES PALES	SUEARULT MALES-	FEULT PALES	CMCES IGNA 1(0	FILTAL S	
10	1								1	
11 12 13		2							,	
\$7 A2							2		,	
44 45							2		,	
46				1					. 1	~ ~
TCTALS	1-	ŧ	- <b>c</b>	1	,	n	4	, ,	<i>'</i> ;	36

TARLE	261								
<b>FY GOPH</b>	IN PACONT		-AUPBER (	CF SPECIPENS	CAUGHT IN CI	ISCRETE DEPTH	SAMPLES F	ROM MED 2	
SIZE	PCSTLARVAE	JUVEN ILES	SLBADLLT FEMALES	ADULT FEPALES	UNSTAGED MALES	SUBACULT MALES	ADULT MALES	UNDESIGNATED	TCTALS
41						•	1, '		1
. 48 ' 49 50 51	,			1				: .	1
52 53				1		*			1
TCTALS	c	c	c	· 2	. 0	0	2	C	4
TABLE	262	·							
FY6CPHU	IN HABCHI		NUPSER C	F SPECIPENS	CAUGHT- IN CI	SCRETE CEPTH	SAMPLES F	RUM MEG 3	
SIZE	PCSTLARVAE	JUVEN ILE S	SLBADULT FEMALES	ACULT Females	UNSTAGEC PALES	SUBACULT PALES.	ACUL1 PALES	UNDESIGNATED	TUTALS
36 37							1 2		1 2
28 39 40 41							1		ı
42 43							1		1
44 45 46 • 47							1		1
48 49 50 51 52							1		1
52 54 55 56				1				:	1
57 56				1				*	1
TCTALS	c	ç	c	2	õ	ა	7	,	\$
TAELE :	263							•	
	IR PACCHI		ALMBER C	F SPECIMENS	CAUGHT: 14 CI	SCRETE CEPTH	CAMDIEC E.	36H 96D 4	
S 12t	POSTLARVAE	JUVEN ILE S	SUBADULT FEMALES	ACULT FEMALES	UNSTAGEC PALES	SUBACULT PALES-	ADULT MALES	UNDESIGNATED	LIALS
27 38 39 40 41 42							1	•	l
43	•	•	_	_			1		1
TGTALS	C	С	C	0	9	0	2	Q	2

TAELE	264								
FYCOPH	JH HYCCHI		ALPBER CE	SPECIPENS	CAUCHT IN CI	SCHELE CEPTH	SAMPLES FI	NUM YELF \$	
S126	PUSTLARVAE	JUVEN ILE S	SLBADULT FEPALES	ADLLT FEPALES	UNSTAGEU Pales	SUBALULT P ES	ACULT MALES	DAGESTO ATEA	' 'IAL'
11		1							1
12									
14									
15									
16 17		1	•						1
ie		•							
15								•	
20		1							1
21 22 23		•							
2.2									
24 25				•					•
26									
27									
29									
36									
2.1									
67970123416787									
34									
?5							1		1
36							•		•
3.6									
37							1		1
4·3					*		•		•
41 42 43 44 45									
43									
44							_1		ı
46							1		1

TCTALS

NUMBER OF SPECIFERS PER HOUR: IN DISCRETE CEPTH SAMPLES FROM: MED. 1 SAMPLES-WITHIN 1.50-HOURS OF-SUNKISE DR: SUNSET EXCLUDED

•			D.	AY			<u></u> !	!	*********	114	jHT			
DEPTH M-	TUTAL HOURS		NUMBER PER JUVENILE		ADULT	AUPBER SAPP1				NUMBEK PER JUVENILE		ADULT	AUMBER SAHP1	
SURF   25							j	1.1	?₊0	ა.ა	6.0	0.0	2	0
56   -75   105	j						ł	1.6	1.0	0.0	c.o	1.0	1	2
125   150   175	3.0	۵•۱	0.0	0.0	0.0	3	c	3.0	0.0	c.c	0.0	C+ G	3	0
200							į	1.0	<b>∂.</b> c	e.c	G • C	C.O	1	٥
250 I	2.0	c.s	0.0	0.0	0.0	2	١٥	3.0	0.0	0.7	c•0	c.c	3	2
300   325   353							ļ							i
375   403   425	1	6.5	0.0	C. C	0.0	3	0	3.0	0.0	5.0	0.0	0.0	3	0
450   475   500	j I	C. 2	C. 0	0.0	c.o	2	i 1	İ						ļ
525   550		· · · ·	C.	•••	0.0	•	į	İ						j
575   600   625	   													
450 475						_		3.0	0.0					
700 725 750	İ	c.5	G.Ç	0.0	0.3	3	1	1 3,0	0.0	0.0	0.0	6.0	3	-0
775 600 825							į							
850 875							į	į			r ,	000	<b>&gt;</b>	
900 925 950	]     3.0	c.c	C. C	c.o	0.0	3	۰				•	JC	Ď	
975 1000	j	•••	200		-10	-	- 1	İ						

TABLE 266

HYGOPHUM HYGOME

NUMBER OF SPECIMENS FER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF-SUMRISE OR SUNSET EXCLUDED

	!		0	AY				!		NI	GHT			
EPTH M	TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBE SAMP	R-OF	TOTAL HOURS	POSTL ARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER 1-4KAZ	
SURF								29.0	0.0	0.0	0.0	0.1	58	2
25 50	1 2.0	0.0	0.0	0.0	0.0	2	. 0	1.1	0.0	0.0	0.0	0.0	1	0
75 100		0.0	0.0	0.0	0.0	•	١٥	1.0	0.0	0.0	0.0	0.0	ı	0
125	1	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
175	I-	0.0	0.0	0.0	0.0		١	2.0	C.U	0.0	0.0	0.0	2	0
225	ı	0.0	•••	•••	•••	•	Ť	"	• • • • • • • • • • • • • • • • • • • •	-	- + -			
250 275	1					_	_ !	1				0.0	3	9
300 325	i	0-3	0.0	0.0	0.0	2	0 1	3.0	0.0	0.0	0.0	0.0	,	,
350 375							<b>¦</b>	1	•				_	_
400	3.0	0.0	0.0	0.0	0.0	3	۱۹	3.1	0.0	0.0	0.0	0.0	3	0
450	t						į	İ						
500	1 3.0	0.0	0.0	0.0	0.0	3	ه ۱	3.0	0.0	0.0	0.0	0.0	. 3	0
525 550	ĺ			•			į	į						
575 600	1 3.0	0.0	0.0	0.0	1.3	3	4	3.0	0.0	0.0	0.0	0.0	3	0
625			*				l	-						
675 700							ļ	1						
725 750	1	0.0	0.0	0.0	0.5	2	1	3.0	0.0	0.0	0.0	0.0	3	0
775	j.	•••	.,,,,	•••	002	-	- 1	"		•••				
800	İ						j							
850 875											•			
900								i						
950 975	İ													
1000	3.0	0.0	0.0	0.0	0.0	2	0	i i						

TABLE 267

HYGOPHUH HYGONS

NUMBER: OF SPECIMENS PER: HOUR IN DISCRETE DEPTH SAMPLES FROM: MED 4 SAMPLES: WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	į .		0	AY			1	Ì	-	N E	GHT		
1.0 0.0- 0.0 0.0 1.0 1 1	TOTAL HOURS	POSTLARVA	NUMBER PER JUVEN ILE	HOUR SUBADULT	ADULT	NUMBER OF SAMPINDI	v.	TOTAL	-POSTLARVA	NUMBER=PER JUVENTLE	HOUR SUBADULT	ADULT	NUMBER CF SAMP,-INDIV
1.0 0.0- 0.0 0.0 1.0 1 1	.,												
1.0 0.0- 0.0 0.0 1.0 1 1	_						- {	1					
1.0 0.0- 0.0 0.0 1.0 1 1	-						- !	!					
1.0 0.0- 0.0 0.0 1.0 1 1	=			,			ı	i					
1.0 0.0- 0.0 0.0 1.0 1 1							!	Į.					
1.0 0.0- 0.0 0.0 1.0 1 1							į	j					
1.0 0.0- 0.0 0.0 1.0 1 1							- !	1					
1.0 0.0- 0.0 0.0 1.0 1 1							į	į					
1.0 0.0- 0.0 0.0 1.0 1 1							- 1	1					
1.0 0.0- 0.0 0.0 1.0 1 1							Ì	İ					
1.0 0.0- 0.0 0.0 1.0 1 1							- 1	l					
1.0 0.0- 0.0 0.0 1.0 1 1							İ	1					
1.0 0.0- 0.0 0.0 1.0 1. 1							l	1					
	1.0	0.0	0.0	-0.0	0.0	1	١ ٥	!					
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. 99	1.0	0.0	- 0.0	0.0	1.0	1-	ıį	į					
99							ı	1					
99							į	ļ					
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							Į	!				-	•
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i i							- !	!					
							ij	į					

TABLE 265 HYGOPHUM HYGONI

**K**\*

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUMRISE OR SUMSET EXCLUDED

Ĭ			0	AY						N1	GHT			
PTH	TOTAL HOURS	POSTLARVA	JUVER PER	HOUR SUBADULT	ADULT	NUMBE SAMP.	R OF INDIV.	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE!	R OF
URF   25						~~~~		7.8	0.0	0.1	0.0	0.1	15	2
50 I								1.0	0.0	0.0	0.0	1.0	1	1
100 1						•	ļ	1.0	0.0	0.0	0.0	1.0	1	1
25   50		0.0			• •		۰	1.0	0.0	0.0	0.0	0.0	1	0
75   00	1.0	0.0	0.0	0.0	0.0	1	٠	7.0	0.0	0.0	0.0	0.0	1	٠
50		0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
5							i	-						
5 1	1.0	0.0	0.0	0.0	0.0	1	0	1.0	. 0.0	0.0	0.0	0.0	1	0
5   0   5		0.0	0.0	0.0	0.0		, ,	1.0	0.0	0.0	0.0	0.0		-0
	1.0	0.0	0.0	0.0	0.0	1	, ,	1.0	0.0	4.0	0.0	0.0	1	-0
	. 1.0	0.0	0.0	0.0	0.0	1	, ο	1.0	0.0	0.0	0.0	0.0	1	o
	j								0.0	0.0	0.0	0,0	•	
0 i	i							į						
ó	!	0.0	0.5	0.0	1.0	2	3	į						
o i	Ì	0.0	4.7	0.0	•••	•	_	İ						
5	1							İ						
5	l							j-  -	,					-
50 75	)							<b> </b> -						
25								- <b>i</b>						
Š								İ						
0	 							i						

- TABLE 269-

FYGOPHUM HYGOMI NUMBER OF SPECIMENS PER HOUR IN-DISCRETE DEPTH SAMPLES FROM MED 1
DAY SAMPLES WITHIN-1-50 HOURS OF SUMRISE OR SUMSET EXCLUDED

SIZE		DEP	THS SAMPL	.ED (P)		
ММ	150	235	375	500	700	940
42					0.3	
NO./FOUR	C+0	C-C	0.C	0.0	0.3	0.0
NO. HOURS	3.0	2.0	3.C	2.0	3.0	3.0
NO. SPEC.	0	0	C	0	1	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 270										
HYGOPHUN HYGOI DAY	41		NUMB!	ER OF SPEC ES WITHIN	IMENS PER 1 1.50 MOU	HOUR IN	DISCRETE RISE OR S	DEPTH SAM Unset exc	PLES FROM LUDED	MED 3
SIZE		DEP	THS SAMP	LED (M)		•				
nn	50	100	150	, 200	300	400	500	600	750	1000
36 37 38								0.3	0.5	
39 40						*		0.3		
41 42 43					•					
44 45 46 47								0.3		
48 49		*						0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.5	0.0
NO. HOURS	2.0	4.0	2.0	4.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	0	4	1	0
NO. SAMPLES	2	•	z	•	2	<b>.</b>	3	3	2	2
TABLE 271		х								
HYGOPHUM HYGO DAY	MI			ER OF SPIC LES WITHIN						1 MED 4
SIZE			THS SAMP	LED (M)						
	500	700								
37		1.0								
40./HOUR	0.0	1.0								
NO. HOURS	1.0	1.0								
NO. SPEC.	0	1								

TABLE 272									
HYGOPHUM HI Day	YGOM I		NUMBE SAMPL	R OF SPEC ES WITHIN	IMENS PEI	R HOUR IN I	DISCRETE DEPTH RISE OR SUNSET	-SAMPLES FROM EXCLUDED	HED 5
SIZE	•	DEF	THS SAMPL	ED (#)					
	160	250	340	410	445	475			

	160	250	340	410	495	675
11						, 0.5
37 40				*		0.5 0.5
NG./HOUR	0.0	0.0	0.0	0.0	0.0	1.3
NO. HOURS	1.0	1.0	1.0	1.0	1.0	'2.0
NO. SPEC.	0	٥	0	0	0	3
NO. SAMPLES	1	1	1	ı	1	2

TABLE 273

HYGOPHUM HYGONI - NUMBER OF SPECIMENS PER HCUR IN DISCRETE DEPTH SAMPLES PROM MED 1
NIGHT SAMPLES WITHIN 1-90 HOURS OF SUMRISE OR SUMSET EXCLUDED

SIZE		DEP	THS -SAPPL	(4) O3.				
MM	25	40	70	150	190	235	400	700
10 11			1.0					
11 12 19						0.7		
42		1.0						
43 44			-1.0					
NO-/HOUR	C.0	1.0	2.0	0.0	0.0	0.7	0.0	0.0
NO. HOURS	1,1	1.c	1.0	3.0	1.0	3.0	3.0	3.0
NO. SPEC.	0	1	2	C	0	2	٥	o
NO. SAMPLES	2	1	1	3	1	3-	3	3

TABLE 274

-HYGOPHUM HYGOMI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 NIGHT SAMPLES WITHIN-1.50 HOURS OF SUMMISE OR SUNSET EXCLUDED

-SIZE -MM		DEF	THS:SAMPL	ED (H)						
	SURF	50	-1 <b>00</b> -	150	200	300	400	506	600	750
43 44 45 46 47 -48 -49 -50 51 -92 53 -94 55 55 55 56 -57 58	0.03									
-NQ./HOUR	2.0	0.0	0.0	0.9	-0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	29.0	1.1	-1.0	3.0	2.0	3.0	A-1	3.0	3.0	3.0
NO. SPEC.	2	٥	0	•	0	0	0	0	0	C
NO. SAMPLES	50-	1	1	3	2	3	3	3	3	3

TABLE 275
HYGOPHUM HYGOMI
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

							-		
SIZE MM		DEP	THS SAMPL	.ED (M)					
	SURF	50	80	135	155	250	325	425	510
17	0.1								
36 37 38 39	0.1								
37	•••								
38									
39									
40									
41									
40 41 42 43 44									
43									
44									
45		1.0							
46			1.0						
NO./HOUR	0.3	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	7.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	2	-1	1	0	0	0	٥	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

#### APPENDIX 3

Tables 276 - 474

<u>Hygophum</u> <u>benoiti</u> - Ali Species Combined

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The tables in this appendix are among those that were used in analyzing the fish data, the results of which appear in Part 3 of the Text. For each species with sufficient data, four sets of tables are presented; the tables in each set are arranged numerically by station, and the sets appear in the following order: 1) <a href="Stage-Size">Stage-Size</a>, size frequency distributions for each stage or stage-sex combination, 2) <a href="Stage-Depth">Stage-Depth</a>, catch rate as a function of stage of development and depth of capture, 3) <a href="Depth-Size:Day">Depth-Size:Day</a>, catch rate as a function of depth of capture and size of the specimen, 4) <a href="Depth-Size:Night">Depth-Size:Night</a>. Methods used for determining stage of development and for calculating catch rates are described in the Materials and Methods section of Part 3 of the Text.

TABLE	276	
FYCCPHU	IN BENGI	ī

<b>FYC</b> CPhu	H BENGITI		NUMBER LI	SPECIPENS	CALUFT IN CI	SCHELE CEPTH	SAMPLES F	ROM MED 1	٠
\$17E	PCSTLARVAE	JUVEN ILL S	SLUACULI FLMALES	ADULT FFFALES	UNSTACED, PALES	SUBACULT PALES	ACULT MALES	UNDE S I GNATED	TCTALS
6 1 8 9 10 11 12 14 15 16 17 20 1 22 22 22 24 25 4	11 11 7 20 24 2	1 1e 25 20 15 1 4 4	2 2 1 1 2 1 1 1 1 1			2 2 1 1 2 1			3 1C 11 7 21 4C 7 22 C 15 7 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

25							
26							
• 7							
12							
10							
27					•		
<b>.</b>							
27 28 29 21 37 32			1				
36							
32				1			
34				4		7	
35							
34 25 36 37							
27							
28				1			
28 35				į.		1	
4:)				;		ž	
41				í		i	
42				- <u>1</u>		•	
						:	
43				•		Č	
44				3		č	
TETALS	17	115	1-	13	11	15	

FYCUPH	U. BENCILI		いしかりとかり	LF SPECIALNS	CAUCHT IN CI	अस्ता सन्त	51-2LES 1	SUM MEL Z	
\$12t	PCSTLAXVAL	JUVANE S	CL ABOUT F PAULS	PULLT FLMALKS	UNSTREAD PRES	SULATION T	≯LULI ≫ALES	Gio. STORATER	TLTALS
7 9 13 11 12 14 15 16 17 18 20	; ; 12	15: 12: 10: 11: 17: 18: 14:							132 132 66 17 17 14
21 22 23 24 25 26 21 28 29			ì						1
30 31 22 23 34 25 26 37 36 37 40 41							1-		1
39 40 41 42 43 44							1-		ı
44 TCTALS				1					;¹ ,

TABLE 278

<b>FYGCPHU</b>	M PERLITI		NUMBER C	F SPECIMENS	CAUGHT IN LI	SCRETE CEPTH	SAMPLES FR	POM MED 3	
S17F PP	PCSTLARVAE	JUVENILES	SUBABLLT FEMALES	ACULT Females	UNSTAGEL MALES	SURACULT PALES	ACULT MALES	UNCES IGNATED	1-1ALS
10 11 12 12 14 15 16 17 18 20 21 22 24 25 27 27 28 29 29 29 29 29 29 29 29 29 29 29 29 29		2 2 2 2 2 2	1 1 1 2	1		1 1 2 1 2 1 2 1		ı	1 2 2 2 2 1 2 4 4 2 2 2 2 1 2 4 4 2 2 1 2 4 4 2 2 1 2 4 4 2 2 1 2 4 4 4 2 2 2 1 2 4 4 4 2 2 1 2 4 4 4 2 2 1 2 4 4 4 2 2 1 2 4 4 4 2 2 1 2 4 4 4 2 2 1 2 4 4 4 2 2 1 2 4 4 4 2 2 1 2 4 4 4 2 2 1 2 4 4 4 2 2 2 2
<b>CCTALS</b>	1	16	չ	1	y.	4	С	ı	3 t

TAELE 279

FYGGPHU	* EENCITI		<b>ひしかっしゃ じ</b>	F SPICITLAS	CAUGHT IN LI	SCHEIL LEFIH	SAMPLES FE	tum 3-D 4	
SIZE	POSILARVAF	JUVENILE S	SEBADULT FFMALES	AULLI Fi Fales	UNSTACEL MALES	SUPACULT PALES	4CULT MALES	unde stona it o	ICTALS
12		4							4
13 14		ŧ							٤
15		4							4
16		2				1			4
17		1	1			ž			4
16			1			1			2
15			-			7			ź
21			4			2			2
77						•			
23									
-24									
25									
26			1			1			ž
15 19 20 21 22 23 24 25 27 28			1						1
TCTALS	¢	22	Ĺ	c	·	10	С	£	26

TABLE 280

HYGOPHUL BENGITT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED. 1 SAMPLES WITHIN 1.50 HOURS OF SUMMISE ON SUMSET EXCLUDED.

			D	AY				NIGHT						
H   TOTA		PJSTLARVA	AUMBER PER JUVENILE	HCUR Sudadult	ADULT	NUMBE SAPP	R OF INDLV.	TOTAL	PUSTL ARVA	NUMBER PER JUVENILE		ADULT	NUMBE SAMP	
F   5   6   6   7							i	1.1	0.0 0.0 3.0	0.0 1.3 0.0	0.0 1.0 0.0	0.0 2.0 0.0	2 1 1	0 4 3
5	• J	ادولا		C.0	0.0	3	٥	3.6	0.7	3.0	C.3	0.0	3	12
^   5							į	1.0	č.0	0.0	c.o	0.0	1	•
.   2. 5   5	••	ř.,	C+>	0.0	3.0	2	1	3.0	5.0	4.0	€.0	0.0	3	27
.   	• 3	**	**(	e. c	9.0	3		3.6	0.3	0.3	0.0	0.0	3	, 1
5 Î 	• .		3	(.5	٥.٥	2	2							
5 1	• `	5.3	14.3	7.3	د.،،	3	54	3.3	4.7	1.0	11.5	<b>0.0</b>	3	19
		•	12.	ç	·`	3	36		•					

TAGEL 281

HTGOPHUN SENDITT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50" HOURS OF SUNRISE OR SUNSET EXCLUDED

l			0	AY			!	!		NI	GHT	-	-	
	JATC 25UG	P-JSTL ARVA	JUVENILE		ADULT	NUMBEI		TOTAL		NUMBER PER JUVENILE		^bult	NUMBE SAMP	
	2.0	0)	0.0	0.0	0.0	2	0	11.9	0.0	0.C	0.0	0.0	24	o.
ŀ							!	1 1.5	0.0	5.3	0.0	0.0	3	. 8
							1	1 5.0	10.5	0.0	*****	0.5	ı	22
i	2.0	1.5	0.0	0.0	0.0	2	3 i	i 1.0	1.0-	0.0	0.0	0.0	ı	1
ı							- 1	İ						
!	1.0	ŭ.C	0.0	0.0	0.0	1	ا ہ	j 3.0	0.0	0.0	0.0	0.0	3	0
	2.0	0.0	0.0	0.0	0.0	2	o i	3.0	0.0	0.0	9.0	0.0	3	0
i	•••	0.5	V. (	0.0	7.7		Υi	i	•••	V.0	y	0.0	,	•
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ļ .						_	. !	į						
	2.9	0.0	2.5	5.0	0.0	2	5 [	!						
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ļ .	3.0	0.0	0.0	0.0	0.0	3	0 1	2 - 1	0.0-	0.0	0.0	0.0	. 2	0
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! *	1.0	0.0	50.0	0.0	0.0	1	50 I	1 3.0	0.0	1.0	0.3	0.0	3	4

tir.

TABLE 282

1

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES-MITHIN 1.50 HOURS OF SUMP "2 OR SUMSET EXCLUDED

i.	******		0.	A Y			!	!		- 14	GHT	NIGHT							
1	I MAL Mours	PUSIL ARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP1		TOTAL   HOURS		NUMBER PER JUVENILE		ADUL T	NUMBER SAMP I						
į							!	29.0	0.0	0.0	0.0	0,0	58	0					
į	2.0	0.0	0.0	0.0	0.0	Z	١٥		0.0	0.0	0.9	0.0	1	1					
	6,3	3,1	0.0	u. ċ	0.0	6	a į	1.0	0.0	0.5	0.0	0.0	1	c					
	'A*	0. )	0.0	0.0	0.0	2	C I	j ).0	0.0	0.0	¢.0	0.3	3	1					
	6.3	v. )	0,0	7.0	0.0	٥	0	2.0	0.0	0.0	0.0	0.0	2	0					
	***	G. 1	0,0	0.0	0.0	2	٥	3.0	0.0	0.3	9.3	0.0	3	2					
	<b>),</b> z	c.)	9.0	0.0	0.0	3	٥	3.1	c.o	0.0	0.0	0.0	3	o					
	3.0	0.0	o. c	c. 0	0.0	3	۰	3.0	0.0	0.0	0.0	0.0	3	3					
	1.0	0.0	0.0	0.6	0.0	3	0	! ! ! 3.0	0.0	0.0	0.0	0.0	3	9					
							! !	!											
	2	2.0	0.0	0.5	0.0	5	1	3.0	0.3	2.0	0.0	0.0	3	7					
							į	!											
							; ; !	<u>i</u> !											
	3.0	ç.)	₹.5	3.2	0.0	2	2-1	İ											

146L-( 283

TO GO PHO HE HEADETT NUMBER OF SPECIFERS PER

NUMBER OF SPECIFERS PER HIME IN OISCRETE DEPTH SAMPLES FROM MED. 4 SAMPLES WITHIN 1.50 HOURS OF SUNSISE OR SUNSET EXCLUDED.

!			υ	AY			!	1	 N1	GHT		
1		PUSII AKVI	MINNER PER Juvinile					TOTAL HJURS	NUMBER PER JUVENILE		ADULT	NUMBER CF SAMPINDIV
į	* * * - 2 4 4 5		**-****	~~~~~~				1	 			
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:								}				
ៈ							- 1	i				
ŧ							i	i				
f							- 1	j				

I-Y GOPHUM BENOIT I

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		ı	DEPTHS SAI	MPLED (M)		
	150	235	375	500	700	940
8 9 10 11 12 13 14 15 16 17 18 19 20 21		0.5		0.5	1.3 3.3 0.7 1.7 2.3 2.6 0.3 1.0 1.6 1.7 0.3 0.3	5.3 6.3 0.3
22 23 24	*					•
44				0.5		
NG./HOU	JR C.0	0-,5	0 • C	1.0	17.8	12.0
NC. HO	JRS 3.0	2.0	3.C	2 • C	3.0	3.0
NC. SPI	:C• 0	1	С	2-	54	36
NO. SAI	IPLES 3	2	3	2	3	3

TABLE 285

HYGOPHUM BENOIT!

NUMBER OF SPECIMENS-PER HOUR IN DISCRETE DEPTH SAMPLES-FROM MED 2 SAMPLES-MITHIN 1.50-HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED - ( M )				
MM	SURF	100	150	200	300	400	800	1000
9 10 11 12 13 14		1.5			0.5 1.0 0.5 0.5		0.5 19.5 18.0 1.0 2.0	30.0 5.0 1.0 6.0 5.0
36							0.5	
NO./HOUR	0.0	1.5	0.0	0.0	2.5	0.0	42.5	50.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	3	0	0	5	0	85	50

TABLE 286

HYGOPHUM BENDITI NUMBER OF SPECIMENS-PER HOUR IN-DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50-HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM		DEP	THS SAMP	.ED (#)						
***	50	100	150	200	300	400	500	600	:750	1000
13 - <del> </del>										0.5
28									0.5	
NO ./ HOUR	0.0	0.0	0.0	0.0	0.0-	0.0	0.0	0.0	0.5	0.2
:NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	o	0-	0-	0	0	1	
NO. SAMPLES.	2	6	2	6	2	3-	3	3	2	2

HYGOPHUM BENOITI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZ	<b>E</b>		٥	EPTHS	SAMPLED	(M)
		500	700			
12			3.0			
13			2.0			
14			-2.0			
15			2.0			
16			3.0			
17			2.0			
18			1.0			
19			1.0			
20			2.0			
21			1.0			
22	,					
23						
24						
25						
26		1.0	1.0			
27			7			
28			1.0			
NO.	/HOUR	1.0	21.0			•
NO.	HOURS	1.0	1.0			
NO.	SPEC.	1	21			
NO.	SAMPLES	1	1			

TABLE 288

HYGOPHUM BENOITI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM		DEP	THS SAPPL	EO (P)						
	25	-4C	70	15C	190	235	400	700		
7 8 9 10 11 12 13			1.C 1.0	0.3		0.3	0.3	1.3		
10 11			1.C	0.3		3.0 0.7	0.3	3.3 0.3		
12 13				0.3 2.0		0.7 1.3		0-3		
14 15 16				0•3 0•3		1.7 0.3		0.3		
17 16				0.3				0.3		
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35		1.0								
22 23 24		1.0								я
26 27 28										
29 30 31										
32 33 34										
36 37										
38 39 40		1.0								
41 42		1.0							,	
NO-/HOUR	0.0	4.0	3. C	4.0	0.0	9.0	0.3	6.0	: .	112
HOURS	1-1	1.0	1.C	3.0	1.0	3.0	3.0	3.0		
Nu. SPEC.	0	4	3	-12	0	27	1	-18		
NO. SAMPLES	2	1	1	3	1	3	3	3		

TABLE 2	89
HYGOPHUM NIGHT	BENOTT

## NUMBER OF SPECIMENS MER HOME IN DISCRETE DEPTH SAMPLES PROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUMRISE OR SUNSET EXCLUDED

Atoni			3AM L	E2 MTIMIN	1.50 800	KS UF SUR	K19E 0W 9	OMPE! EXC	CODED	
SIZE HM		DEP	THS SAMPL	ED_(#)						
rin	SURF	12	45	100	150	200	400	600	800	1000
7 8 9 10 11 12 13 14 15 16 17 18 19		2.3 1.2 0.7 1.1	0.5 3.3 4.5 2.0	1.0					1.3 15.6 7.0 3.7 2.3 2.7 3.0	0.3 0.7
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36										0.3
36 39 40 41 42 43			0.5							
NO-/HOUR	0.0	5.3	11.0	1.0	0.0	0.0	0.0	0.0	36.9	1.3
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	8	22	1	O	0	0	0	111	4
NO. SAMPLES	24	3	1	1	-3	3	2	1	3	3
TABLE 297 HYGOPHUM BEN	3710		NUMBI	ER OF SPE	CIMENS PE	R HOUR IN	DISCRETE	DĒPTH SA	MPLES: FRO	M MEB 3
-NIGHT			SAMP	LES MITHI	N 1.50 HO	JRS-OF SU	NRISE-OR S	SUNSET EX	ZFNDEĎ	
SIZE		DEI	PTHS SAMP	LED (M)						
	SURF	50	100	150	200	300	400	500	600	750
10 11										0.3 0.3
12 13 14						0.3				0.3
16 17										0.3 0.4
18 19										0.3 0.4
20 21						0.3				0.4
22 23		0.9				0.3				
15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34				0.3						
NO./HOUR	0.0	0.9	0.0	0.3	0.0	1.0	0.0	0.0	0.0	2.3
NO. HOURS	29.0	1.1	1.0	3.0	2.6	3.0	3-1	\$10	3.0	3.0
NO. SPEC.	0	1	0	1	-0	3	٥	0	0	7

113

BENTEC	SEP# GL#CIAL	ŧ.	ALPHER	CF SPECIPENS	CAUCHT IN LI	SCAETE LEFTH	SAPPLES F	RCM MED 1	
\$12£	FCSTLARVAL	JUVENILES	SIHALLET FÉPALES	ACLLT FLPALES	UNSTACEL PALES	SUEFECET PALES	ACULT BALES	Cals 710valer	TETALS
87/12745678701821456784/1474444	1 5 4 1	1 2 15 27 70 15 26 41 41 27 25 8	7 16 27 41 26 12 11 11 26 3 3 2 2 2 2 2 2 1	4 1 1		11224511	2 2 1	1 ?	1
TCTZE	11	28.1	145	7	,	2,	4	4	, et

Izrte	292								
EMP	HYZ GEZCIELI	ı	<b>SEPEL</b>	iF in Albeni	MUST IN C	1 (4) (4)	straces f	64 4 ± ±	
5 <b>)</b> )	FCSIL/FV/F	Juve, it + 5	ELHADELT FALLS	AJULI F. MALL,	UNSTALE, PALES	SHEALULT MALLU	416£1 246£3	Confedentes	D. Jac\$
12		•							•
14		ĩ				1			
1.		16				-			ı î
3 c		14				1			11
17		14	5			•			7 x
ie		•	14 16			.,			**
1.		ì	15			- 1		,	9.2
: 1		•	ìè			• • •		i	íť
44			ė			4		-	1 -
			1						1
, 4						1			!
•			1						i
5.7			•						4
			í			ì			5
24			ž			•			5
*			2			±			
. 1			1						ì
4.9							2		;
. 4				•		•	7		
32			ì						•
**				1			1		<
*7							1		!
16							!		į
4)							•	1	í
41							1	•	i
14146	¢	1.	85	,	*	14	15		254

TARLE	293							•	
PENTER:	SIMA GLACIAL	•	ALFER	CF SPECIPES.	C/6CFT TA 61	semill cepte	SPARLES F	4; 4 ten 3	
517E	POSTLARVAL	JUVENIU. S	FLFALES	AULET FEPALES	UN5146EC 24(E)	SF TRULT PALTS	PALES	UNDESTUNATE.	TUTALS
17 18 19 20 21 22 22 24 25		, e	7 4 2 1			1 1 1			) 3 1( 4
27 28 28 111415	ć	<i>1</i> ?	1 16	¢	,	,	ŧ	s	, 1 1 16.

114

...

1 APL E 294

BENTIES	FM1 CFVCIVFL		ALMBER C	F SPECIMENS	CAUGHT IN CI	SCRETE CEPTH	SAMPLES F	ROM HED 4	
513E	PCSTLARVAE	JUVEN ILF S	SLBADULT FEMALES	ACULT FEMALES	UNSTAGED MALES	SUBACULT MALES	ACULT MALES	UNDESTO (A TEO	TCTALS
21 22		1	2			1 2			2 4
TCTALS	c	1	2	Ç	n	3	c	٥	ė

TABLE 805

BENTHOSEMA GLACIALE

NUMBER OF SPECIFERS HER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUNNISE OR SUNSET EXCLUDED

 		0/	AY			!	1		N1	GHT			
OTAL OUKS		NJM3FR PER JUVENILE		ADULT			TUTAL		NUMBER PER JUVENILE		ADULT	NUMBE SAMP	
						; i !	1.1	0.0 0.0	C.L 1.0 42.0	2.0 6.6 7.0	0.0 0.0 1.0	2 1 1	2 1 50
3	0.3	5.4	c.0	0.0	3	3	- 3.0	1.0	0.0	·.0	0.7	3	5
						į	1.0	0.0	0.0	1.6	C.C	ı	1
2.	<b></b>	€	c.r	٠.٠٧	2	3,	3.6	1.0	0.0	0.0	0.0	3	3
3	^•≎	<b></b> 1	c.c	2.9	3	2	3.0	6.0	0.5	6.0	0.0	3	0
2.0	**	1 min	59.5	4.9	2	335 -l	-     -   -   -						
						1							
3.7	. 5	4.2	12.2	1.7	3	71             	3.0)         -   -   -	1.3	1.3	3.3		3	24
3.0	<b>0.</b> Ĉ	٠.٠	c.c	<b>u.</b> 0	3	s i							

TABLE 296 BENTHOSEMA GLACIALE

**3**c

d d

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

			0	AY			NIGHT							
NE51 H	TOTAL HUURS		NUMBER PER JUVENILE		ADULT	NUMBER SAMP1		- TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT		R OF INDIV.
SUR F 25 50	l	0.0	0.0	0.0	0.0	2	0	11.9 1.5 2.0	0.0 0.0 0.0	0.0 0.5 21.0	0.0 0.5 56.3	0.0 0.0 7.0	24 3 1	0 2 169-
75 100 125	1 2.0	0.0	0.0	0.0	0.5	2	1	1.0	, 0.0	1.0	5.0	3.0	1	9
150 175	1.0	0.0	0.0	0.0	0.0	ı	٥	3.0	0.0	2.0	0.3	0.0	3	7
200   225   250	l 2.0   	0.7	0.0	0.0	0.0	2	٥	3.0	0.0	0.3	. 0.0	0.0	د	ı
275 300 325 350	2.0 	0.0	0.0	0.0	0.0	2	0							
375 400 425 450 475 500 525	3.0 3 1 1	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
550 575 600 625 650 675 700	 						1	1.0	0.0	2.0	1.0	0.0	1	3
725 750 775 800 825 850 875 900 925	 	0.0	0.0	7.0	1.5	1	17	3.0	0.0	0.0	0.7	0.0	٤.	2
975 1000	i	0.2	0.0	c.0	0.0	1	0 1	1 3.0	0.0	0.0	0.0	0.0	3	0

TABLE 297
BENTHINFMA GLACIALE

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES-FROM MED 3 SAMPLES MITHIN-1.50 HOURS OF SUNRISE ON SUNSET EXCLUDED

	• !		0	AY			!	l i NIGHT I						
DEPTH	TOTAL HAURS		NUMBER PER		AOULT	NUMBER SAPPI		TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP	
SUAF	!						!	29.0	0.0	0.0	0.0	0.0	58	0
25 50	2.0	0.0	0.0	0.0	0.0	2	اه	1.1	0.0	7.4	3.7	c. n	1	12
100	0.0	0.0	0.0	0.0	0.0	6	0 1	1.0	0.0	0.0	0.0	0.0	1	o '
125 150		6.3	0.0	0.0	0.0	2	0 1	1 3.0	0.0	0.0	0.0	0.0	3	υ
175		c.s	0.0	0.0	0.0	6	0 1	1 2.0	0.0	0.0	0.0	0.0	2	0
275 250	•			***		•	į	1	, , ,		,			,
275 30°	i	0.0	0.0	0.0	0.0	2	, i	i i 3.0	0.0	0.6	0.0	0.0	3	0
325	I	Ų.··	0.0	0.0	0.0	2	,	1 3.0	0.0	0.0	0.0	<b>V.</b> 0	,	
350 375	1							1						0
400 425	Ī	6.9	0.0	0.0	0.0	3	٥١	3.1	0.0	0.0	0.0	0.0	3	0 ;
453 475							i	-						
500 525		c.0	0.0	0.0	0.0	3	٥١	1 3.0	0.0	v.0	0.0	0.0	3	0 1
550 575	l						į	Ì						ı
606 625	1 3.0	0.0	1.3	1.0	0.0	3	7 į	j 3.0	0.0	0.3	0.0	0.0	3	1-
650	Ī						į	į						
615 700	I						j	!						į
725 750	2.0	0.0	0.0	0.0	0.5	2	0	3.0	0.0	0.0	(1.4	0.0	3	1
775 800								1						
525 850	1						1	1						1
875 900	j						į	j-						ĺ
925	i						į	į-			١,			
950	ŀ					_	_	į			; •	1.2	O	i
1000	1 3.0	0.0	0.0	0.0	0.0	2	0 1							1

BENTHISEMA GLACIALE

## NUMBER OF SPECIMENS-PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNRISE-OR SUNSET EXCLUDED

			0	AY			-	<u> </u>	·	NI	GHT		
OEPTH M	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAMPINDIV	-	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAMPINDIV.
SURF							-  	 		~~~~			
25 50	i						i	! !					
75 100							1	1					
125	l .			*			į	į					
150 175	1						1	! !					
200 225							I	!					
250	ĺ					×	į	į					
275 300	ĺ						i	i					
325 350							1	1				•	
375	į.						į	į					
400 425						•	i	<u> </u>					
450 475							1	ļ					
500	1.0	0.0	0.0	0.0	0.0	1 0	į	į					
,25 260							-	1					i
575 600							İ	į	•				
625	Ì						i	1-					
650 675							- 1	1					
70¢	1 1.0	0.0	1.0	1.0	0.0	1 2	- į	<b>i</b> -					
725 750	1					•	i	İ					
715 800							1.	! !					
825	Ì						j	į					
850 875	İ						1:	]  -					
90¢ 925							=  -	1					
950	Ì						į	<b>i</b> -					
975 1000							1 -	] 					ļ

TABLE 299

BENTHOSEMA GLACIALE DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED  $^{-}\mathbf{1}^{-}$  SAMPLES WITHIN 1.50-HOURS OF SUNRISE OR SUNSET EXCLUDED

S I ZI PH	<b>E</b>		OEP	THS SAMP	LED (F)		
r.		150	235	375	500	700	940
9						0.3	
10						0.3	
11						0.7	
12					3.5	2.0	
13				0.3	9.5	0.3	
14				0.3	18.0	0.3	
15					10.0		
16					11.5	1.0	
17					21.0	0.7	
18					27.5	1.0	
19					30.0	2.3	
<b>?</b> 9					26.C	3.9	
21					6.5	2.6	
22					2.5	0.3	
23					1.0	0.3	
24						0.3	
25						0.3	
26						0.7	
27					1.0	1.0	
28						0.7	
29						1.0	
30						0.7	
31						0.7	
32						0.7	
33						0.3	
34						1.3	
35						_	
36							
37						0.3	
NO.,	HOUR	0.0	0.0	0.7	168.0	24.0	0.0
NG.	HOURS	3.0	2.0	3.0	2.0	3.0	3.0
NG.	SPEC.	0	0	2	336	73	0
NO.	SAMPLES	3	2	3	2	3	3

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUMSET EXCLUDED BENTHOSEMA GLACIALE DAY

SIZE	*							
нн	SURF	100	150-	200	300	400	800	1000
17 ×						-1	1.0	
18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	•	. 0.5		*		,	0.5 0.5 1.0	
23 24 \				•			0.5	•
25 . 26							1.0	
28 29 30	,						0.5	
31 32 33 34 35		, 0,5		•			1.0 0.5 0.5	
34 35 36 37 38							0.5	
NO./HOUR	0.0	1.0	Q.0-	0.0	0.0	0.0	8.5	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	0	0	0	0-	17	0
NO. SAMPLES	2	2	-1-	2	2	ã	1	1

TABLE 301

NUMBER OF SPECIMENS PER HOUR=IN DISCRETE DEPTH SAMPLES FROM-MED 3 SAMPLES WITHIN 1.50 HOURS-OF-SUNRISE OR SUNSET EXCLUDED BENTHOSEMA GLACIALE DAY

SIZE		DEP	THS-SAMPL	ED (#)						
NH	50	100	150	200	300	400	500	600	750-	1000
18 19								0.3 0.7 0.7		
19 20 21 22 23								0.3 0.3		
NO./HOUR	0.0	0.0	-0.0	0.0	0.0	ō•ō	0.0	2.3	0.0	0.0
NO. HOURS	2.0	1.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0-	3.0
NO. SPEC.	0	0	-0	0	0	- <b>Q</b> =	0	7	0	0
NO CAMPIES	2	6	2	6	2	3	3	3	2-	2

TABLE 302

\*NUMBER OF SPECIMENS PER-MOUR\*IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED. BENTHOSEMA GLACIALE DAY

DEPTHS:SAMPLED (M) SIZE 700 500 118 2.0 NO./HOUR 1.0 NG. HOURS 1.0 2 NO. SPEC. NO. SAMPLES

TABLE 303
BENTHOSEMA GLACIALE NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH'SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPLE	ED (#)				
HH	25	40	70	156	190	235	400	700
8 9				0.3 0.3		0.3		0.6
10				0.3		0.7		0.3
ii				505		•••		0.3
12								0.3
13			6.0					0.3
. 14 15		1.0	14.0 9.0					0.3
16		1.0	5. C		,			
17			6.0		•			
18	1.0		1.0					0.3
19	1.0		3.0					0.3
20			1.0					003
21 22 23 24 25 26 27 28								
23								
24					1.0			0.7
25			1.0		1.0			0.1
20			1.0					1,0
28			1.0					0.3
29								
30								0.3
31 32			2.0	0.7				0.3
37								0.7
34								0.3
35								1.0 0.3
36								0.3
NO./HOUR	2.0	1.C	50.C	1.7	1.0	1.0	0.0	8.0
NO. POURS	1.1	1.C	1.0	3.0	1.0	3.0	3.0	3.0
.NO. SPEC.	2	1	5C	5	1	3	0	24
NO. SAMPLES	2	1	1	3	1	3	3	3

TABLE 304

BENTHOSEMA GLACIALE NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

S I Z E		DEF	THS SAMPL	ED (#)						
МИ	SURF	12	45	100	150	200	400	600	800	1000
12			1.5							
13			2.0							
14-			1.0							
15			3.0-	1.0	0.7					
16			6.5		0.3					
17		0.5	8.5		0.7					
18 19		0.5	17.0		0.3	0.3		1.0		
19			14.5	1.0	0.3			1.0	•	
20			10.0	1.0				1.0		
21 22			2.5	1.0						
22			3.5							
23			0.5							
24 25				1.0						
25										
26			0.5						0.3	
27 28			0.5						0.3	
28			1.0							
29 30			2.0	1.0						
30			1.0- 0.5	1.0						
31 32			2.5	1.0						
33			1.3	1.0						
34			1.5							
35			1.0							
36			0.5							
37			0.5							
38			0.5							
39			1.0							
40										
41				1.0						
NO./HOUR	0.0	1.1	84.5-	ბ∙0	2.3	0.3	-0.0	3.0	0.7	0.0
NO. HOURS	11.9	1.5	2.0-	1.0	3.0	3.0	2.1	1.0	3.0	3.0-
NO. SPEC.	0	2	169	9	-7	1	0	3	2	-0-
NO. SAMPLES	24	3	t-	1	3	3	2	1	3	3

119

BENTHOSEMA NIGHT	GLACIALE		NUMB ( SAMPL	er of spec es within	IMENS PER	R HOUR IN IRS OF SUI	DISCRETE BISE OR S	DEPTH SAM UNSET EXC	PLES FROM	HED 3
SIZE		DEF	THS SAMPL	.ED (M)						
****	SURF	50	100	150	200	360	400	500	600	750
18 19 20		0.9 5.5 1.8				•				
19 20 21 22 23 24 25: 26 27 28		1.8							0.3	
24 25 26									•	
27 28										0.4
NO./HOUR	0.0	-11-1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4
NO. HOURS	29.0	1.1	1.0	3.0	2.0 .	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	12	0	0	۰ -	- 0	0	0	1	1
NO. SAMPLES	58 *	. 1	1	3	2	3	3	3	3	3

TAELE									
PYCTCP	HUM PUNCTATU	4	NUPBER C	F SPECIFERS	CAUGHT IN CI	SCRETE CEPTH	SAMPLES	ROM MEL -1	
217F	PCSTLARVAE	JUVENILE S	SUBADULT -FEMALES	ADLLT FEPALES	UNSTAGED PALES	SUBACULT	ACULT MALES	UNDEȘIGNATED	16 Ints
10	1-								1
11									
12	2								
13 14	2 2 2								• •
15	í	,							2
16	•	i							ì
. 17		į		•	<b>x</b>				į
1 d		4							4
19		-14							14
2'. 21		\$ 2	1			3			13
55		į	3 2			1		1	(
22		•	i i			2			į
24		•	2			ž			4
25			2					1	,
24			4			2			€
27 28			1			1		1	(
29			2			2		ı	·
36			Š			2			,
21			i			-			ì
32			4			5			ç
33	,		1			1		-	•
24 25			1			3		1	3
3.0			2			í			3
37			•			i			1
38						ī			í
39			1			2			?
40			2			1			2
41 42									
42									
44						1			ı
45									
46									_
47 48			1						1
46 45									
50			1			1			4
TCTALS	<b>₃€</b>	38	40	O	0	36	С	4	126

-PYCTCPHUM PUNCTATUM			ALPBER OF SPECIFERS CAUGHT IN DISCRETE CEPTH SAMPLES FROM MED 2									
SIZE	PCSTLARVAE	JUVEN ILE S	SLBADLLT FEMALES	ADULT FEPALES	UNSTAGED PALES	SUPACULT MALES	ACULT MALES	UNDES IGNATED	ILTALS			
15 16		1							ì 3			
17		4							•			
18 15								**	5			
20 21		4	1						4 3			
5.5		3	•			1		*	4			
23 24		į						1	2			
25 26			1-						ı			
27						1			1			
28 29 30			1						•			
30 31			1		•	1 2			2			
32			4			ì			•			
33 34			1,	•		ž			3			
36 36			4			į		1	}			
?7			3			į		-	ė			
36 39			3			í			ţ			
43 41			3			l 2			4			
42			•			i			į.			
41			i			í			ž			
45 46			2			2			?			
47			į			ž			4			
48 45			2			-			4			
5t 51 •			1			3		1	į			
. :.			3			ī			•			
> * \$4			1			2			3			
5¢			1						1 2			
57			i			1			2			
59 59			2						ş			
ε) 61						1			1			
43			2			1			2			
63 64			1-						1			
65						1			ı			
-TCTALS	c	32	45	¢	-	45	c	3	147			

171(1 300	T	۵	ŧι	E	308
-----------	---	---	----	---	-----

PYCICPH	PUNCTAIL	1	ALPBEK (	F SPECIMENS	CIMENS CALLET IN CIDCHETE USPTH DAMPLES EN 14 MEG 3						
\$17£	PCSTL/HVAE	JUVEN ILE S	SLEAGLLT FL*ALES	ACULI FÉPALES	UNSTAGED PALES	JURACULT PALES	ACULT PALES	Unite SICHATED	TETALS		
۶ ج	.1								1		
.:1¢	1								ı		
12 12 -14											
-14 15 16									_		
-17 -18		j-							i		
20 71		i 1							i		
22 22 24		1 2	1					1	1 3		
25 -26		1-	1			1		1	ŧ Z		
27 26 26		1	3 2			1		,	3		
20 31			•			ż		ì	Ä		
37 -33			2			2 2			1		
19 20 20 21 22 24 25 26 27 26 25 31 32 34 32 34 37 38 34 37 38 36 37 38 36 36 37 38 36 36 37 38 36 36 37 38 36 36 37 38 38 36 37 38 38 36 37 38 38 38 38 38 38 38 38 38 38 38 38 38			3			3 1			1		
27 38 36			į			2		1	3		
41			3 7			į			4 1=6		
42 43 44			1			i			12.		
45 46			•			1			-1		
47 YCTALS	,	16	11	c	٥	1 22			-1 ac		

121

.2.5

TABLE 309

C.y

MYCE-PAUX PONCE JUA

NUMBER OF SPECIFERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM 410 - L JAPPLES WITHIN 1.50 MEURS OF SUNRISE DA BUYSEL EXCLUDED

i			0	AY				!		۱۲	GHT			
	Toffi Bull 5	,121F "A;	Under PER JUVENILE		ADUL	AUMBFI AAMP.=		101×F		TINBEN LEY		ADUL T	BHUH qma2	
1 1 1							         	1.1	3. , 1.0 1.3	0.0 1.1	0.8 1n.u 1.e	0.0 6.0 6.5	2 1 1	26 3
-	4	X • X,	<b>**</b> %	L.3	۲.,	3		3.5	1.7	Ç.3	•¢	C•C	3	6
į							j	1.0	v.,	C. 6	2.0	6.0	1	2
1	۲٠	•		c.e	J.3	2	J	-m	9.3	9.0	·.^	c.o	3	0
1	۶.	•	ď• .		400	3	3	1 5.	). <i>i</i>	2.0	<b>š</b>	c.o	3	0
11111	٤٠	•			٠,)	4	,	! ! !						
1 !!!							   	1						
11111	٠	•	1	3.5	•	i	د1 ا		٠.)	1	<b>3</b>	0.0	3	4
				<b>*•</b> ·		3	1							

TABLE 310

MYCTUPHUS PUNCTATUN

NUMBER OF SPECIFENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ļ			υ	AY			!	I I NIGHT						
н	TUTAL HUUFS		439 P36PLF 33173VUL		ADUL T	NUPBER SAPPI	OF VDIV.	HOURS	POSTLARVA	NUMBER-PER JUVEN ILE	HOUR SUBADULT	ADUL 1	NUMBE SAMP.	R CF INDIV.
F		0.0	5.0	0.0	0.0	2	0	11.9	0.0	1.5	8.5	0.0	24	110.
5 I	l						į	1 1.5	0.0 0.0	0.7 2.5	6.7 3.5	0.0	3 1	12
C I	1 2.0	0)	0.0	0.0	0.0	2	ا ہ	1.0	0.0	0.0	0.0	0.0	1	0-
9 1	1.)	03	0.0	0.0	0.0	1	o j	3.0	0.0	0.0	0.3	0.0	3	1
5   5   6	2.0	0.3	0.0	0.0	0.0	2	٥	3.0	0.0	0.0	0.0	0.0	3	0
5 I	2.9   	0.0	0.0	0.0	0.0	2	0							
15 1 10 1 15 1 15 1 15 1	3.0 	0.3	0.0	0.0	0.0	3	2   2   1   	2.1	0.0	0.0	0.0	0.0	2	0-
5     6     7     7     7							         	1.0	0.0	-0.0	0.0	0.0	1	0
15 1	 	0.0	1.0	0.0	0.0	1	2	3.0	0.0	0.0	0.0	0.0	3	0
75   75   75   75   75	i ! ! ! !	0.1	u. J	0.0	0.0	l-	           	3.0	0.0	0.0	0.0	v.o	3	٥

TABLE 311

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MYCTUPHUA PUNCTATUM

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FRUM MED 3 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	 		0	AY						NI(	GHT			
PEPTH M	TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBE		TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBE SAMP.~	
SURF 25							·	29.0	0.0	0.2	2.1-	0.0	58	69
50 75	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0-	0.0	1	0
100	l 6.0	0.2	0.0	0.0	0.0	6	1	1.0	0.0	1.0	0.0	. 0.0	1	1
125	1 2.0	0.0	0.0	5.0	0.0	2	0 1	3.0	0.0	0.3	0.0	0.0	3	1
175 200	6.0	0.0	0.0	0.0	0.0	6	0	1 2.0	0.0	0.0	0.0	0.0	2	0
225 250	İ						-	1	-					
275 300	   2.0	0.0	0.0	0.0	0.0	2	o į	3.0	0.0	0.0	0.0	0.0	3	0
325 350	1		•••			_	į	"	•••	•••	•••	0,0	•	•
375 400	I	0.0	0.0	0.0	0.0	3	, i	j 3-1	0.0	0.0	0.0	0.0	3	0
425 450	1	***	0.0	•••	0.0	•	ľ	- "	0.0	0.0	0.0	0.0	,	·
475 500	Ì	` 0.0				-								_
575	İ	0.0	0.0	0.0	0.0-	.3	١٥	3.0	0.0	0.0	3.0	0.0	3	0
550 575	I													
600 625	I	0.0	. 0.0	0.0	0.0	3	0	3.0 	0.0	0.0	0.0	0.0	3	0
650 675	I						1	}						
700 725							i	1						=
750 775		0.0	0.0	0.5	0.0	2	1	3.0	Ō•0	0.0	0.0	0.0	3	0
800 825	1						į							
850 875	į						į	İ						
900 925	į						i	İ			•			
950 975	į						ļ							
1000		0.0	0.2	0.5	0.0	2	3	ļ						

TABLE 312

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MYCTGPHUN PUNCTATUM DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZC MM		DEP	THS SAMPL	.ED (+)		
rr	150	235	375	500	700	940
15					0.3	
16					0.3	
17 18					0.3	
19					-0.3 2.0	0.3
20					1.3	
21					,	
22 23					0.7	
23					1.0	
24 25						
25						
26 27					0.3	
28					-0.3	
29						
30						
31						
32						
33						
34	0.3-					
NO./HOUR	0.3	0.0	0.C	0.0	-7.0	0.3
NO. HOURS	3.0	2.0	3.C	2.0	-3.0	3.0
NO. SPEC.	1	C	c	0	21	1
NO. SAMPLES	3	2	3	2	3	-3

SIZE MM								
	SURF	100	150	200	300	400	800	1000
16 17							0.5 0.5	
NO./HOUR	0.0	0.0	0.0	0.0	·0•0	0.0	1.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0 .	0	0	0	0	0	2	0
NO. SAMPLES	2	2	1	2	2	3	1	Ł

MYCTOPHUM PUNCTATUM NUMBER OF SPECINENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM		DEP	THS SAMPL	ED (#)						
nn	50	100	150	200	300	400	500-	600	750	1000
8 9		0.2								
9										
10										
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33										
13										
14										
15										
16										
17										0.2
18										
19										
20										
21										
22									0.5	
24									0.5	0.2
25										0.2
26										
27										
28									0.5	
29										
30										
31										
36										
34										
34 35										0.2
NO./HOUR	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.7
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	1	<b>-0</b>	0	-0	0	ō	U	2-	3
NO. SAMPLES	2	6	2	6	2	3	3	3	2	2

TABLE	315

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a . C Company . .

,

NIGHT	PUNCTATUM		AUMBE Sampl	R UF SPEC ES WITHIA	1.50 HOU	HOUR IN RS OF SUN	DISCRETE RISE OR S	DEPTH LAMPLE: UNSET EXCLUDI	S FRUM ME ED
3112		DEP	THS SAPPL	EO (P)					
<b>,</b> -	25	40	70	15C	190	235	400	700	
10 11				0.3					
12				0.7					
13			1.0	0.3					
15 16									
17									
is		5.C		0.3				1.0	
21		2.0						0.3	
15 20 21 22 23 24 25 26 27		5.C	1.0						
24 25		1.0			1.0				
26									
28 24		2.0 1.C							
30	C.8	i.c			1.0				
31 32		4.C							
31			1.0						
35 36		2.C							
37 33		1.0							
39		1.0							
40 41		5.C							
42									
44		1.0							
NG-77-CUR	C.3	54.0	3.0	2.0	2.0	0.0	0.0	1.3	
NE» FCUHS	-1.1	1.0	1.0	3.C	1.0	3.0	3.0	3.0	
NC. SPEC.	1	28	3	6	2	٥	0	4	
AC. SAMPLE	s z	1	1	3	1	3	3	3	

TABLE 346 NYCTOPHUM PUNCTATUS NUMBER OF SPECIMENS PER HOUR-IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISC UR SUNSET EXCLUDED SIZE DEPTHS SAMPLED (P) SURF -12 150 :800 0.2 0.3 0.3 0.2 0.2 0.2 0.08 0.08 0.5 0.5 1.0 0.5 0.7 0.5 0.3 0.5 0.7 0.5

0.3

0.0

1.0

ı

0

2

0.3

3.0

1

3

0.0

3.0

ò

0.5 0.5 0.5

0.5

2.0

12

ı

0

ı

1

3

0

3

2

3

0.3

114

24

NO. SPEC.

NO. SAMPLES

TA8LE 317

TETALS

NYCTOPHUN PUNCTATUN

NIGHT	ORCIAION		SAMP	LES-WITHE	N 1.50 HO	n hour in Urs of su	DISCRETE NRISE OR :	DEPTH SAI SUNSET EX	IPLES FROM LUDED	4 MED 3	
SIZE		OEI	PTHS SAMP	LED (M)		>					
,	SURF	50	100	150	<sup>*</sup> 200	300	400	500	600	750	
18	0.03										
19	0.03										
20	0.03										
21	0.03										
22 23 24 25 26 27 28	0.03										
23	0.03			0.3							
24											
25	0.2										
26	0.07										
27	0.06		1.0								
28	0.10										
29	0.2										
30	0.1										The state of
31										-4 10000	سرزلار
32	0.03								المحسي	cechle com	
33	0.1							1	Deprodu	ailau	
34	0.1					•		,	Less 3	ced from allable cop	
35	0.2								190		
36	0.10										
37	0.07										
38	0.1										
39	0.1										
40	0.1										
41	0.2										
42	0.07										
43	0.03										
44	0.03										
45							•				
46	0.03										
47	0.03										
NO./HOUR	2.3	0.0	1.0	-0.3	0.0	0.0	-0.0	0.0	0.0	0.0	
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0-	3.0	3.0	
NO. SPEC.	70	0	ı	1	0	0	0	0	0	0	
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3	

TAELE SYMBOLO	319 :PFCRUS VERA	NYI	NUMBER	OF SPECIMENS	CAUGHT IN CI	ISCRETE CEPTH	SAMPLES FE	ROM MED 2	
SIZE	PCSTL ARVAE	JUVENILES	SUBADULT FEMALES	ADULT FEMALES	UNSTAGED MALES	SUBACULT MALES	ACULT MALCS	UNDES I GNA TED	TETALS
é 7	1		remites	FEFALCA	MALES	MALES	MWFF2		1
8 . 8	4				•				4
10 11 12	2 1 3				•	•	·		3 1 3
13 14	1	•					٠		2 1
23 23 24		<b>2</b> .		•				·	2
25 26 27-		1				ĸ			1
28 29 3 <del>)</del>		1-			•_	1			1
31 32 33					• -				
34 35		•				1			1
36 37 38						1			1
39 40 41									
-42 43 * 44			1			i"			2
45 46 47						į			1
48 49						<u>1</u> - 1-			1
50 51 52 53			1						1
. 53 . 54 . 55						1 2			1
-56 57 -58			1			1			2 1 1
-59. 60 61			1						1
62 -63			. 1			:1" 1:		•	1 2 1
-64 65 66			1 .			- <b>1</b> -			1
68 -69		*	<u>u</u>			1			i
		•				• *** *** *	a		1
77 78 79	æ <b>'</b>					}			2
-80 81 82							1 2		1 2
83 84				1			2		2
96 97 98							1		1
99 100									
102 103				,		*			
104 -105 1u6				-1	4				1
107 108 109					•	,			
75 76 77 78 75 80 81 82 83 84 96 97 99 100 101 102 103 104 105 106 107 108 109 111 111 112 111			,					127	7
113 -114				-1.			•	.J., 1\s/ 1	1
TGTALS	15	7	e	<b>3</b> .	0	20	4	-G	57

TARLE	320

SYPBCLC	PECRUS VERA	171	NUMBER O	F SPECIPENS	CAUGHT IN DI	SCRETE LEPTH	SAMPLES F	IOM NEO 3	
S17t MM	PESTLARVAE	JUVEN ILES	SIGADULT FEMALES	ADULT FEPALES	UNSTAGED MALES	SUBACULT MALES	ACULT MALES	UNCESIGNATED	TETALS
10	1								1
23 24		1							1
10 23 24 25 26 27 26 27 26			•						
25 30		1							•
30 31 66		1				1			1.
66 67- 68 63 75						1			1
76 71 72 73 14									
75									
76 77 78			•			1			1
TCTALS	•	3	c	٤	•	3	Ĺ	c	11

TABLE 321
SYMMOLOPHORUS VERANYI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES FRUM MED. 1 SAMPLES WITHIN 1.50 HOURS OF SUNRISE-OR-SUNSET EXCLUDED

 		0	AY						N1	GHT			
TC;TAL HJURS	PUSTLAXVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAPP1		TOTAL HOURS		NUMBER PER JUVENILL		ADULT	NUMBER SAMP1	
				•		       	1.1- 1.0 1.0	0.0 0.0 0.0	0.0 0.0 0.0	C.6 2.0 0.0	0.0 0.0 0.0	2 1 1	0
3.0	0.0	0.C	0.0	0.0	3	١٥	3.0	0.0	0.0	0.0	0.0	3	0
						į	1.0	0.0	6.0	0.0	0.0	1	0
2.3	<b>U.</b> U	<b>U.</b> 0	c.o	0•0	2	٥	3.0	0.0	0.0	0.0	0.0	3	0
3.0	c.c	c.c	6.0	0.0	3	٥	3.0	0.0	0.0	0.0	0.0	3-	0
2.0	Ç.j	U.C	0.0	-0.0	2	0							
3.0	c.o	1.0	0.0	ō•0	3	3 i 1	3.0	0.0	0.0	0.6	0.0	3	o
3.0	C•0	c.o	0.0	ġ <b>.0</b>	3	0 }	1						

TABLE 322 SYMBOLUPHORUS VERANYI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM HED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

		0	AY			!			NIC	3HT			
FOTAL HOURS				ADULT			TOTAL	PUSTLARVA	NUMBER PER JUVENILE	HUUR SURADULT	ADULT		
2.0	0.0	0.0	p. 0	0.0	2	0	11.9	0.0 0.0 5.0	0.1 0.7 0.0	1.4 0.7 2.*	0.4 0.0 0.0	24 3 1	23 2 15
2.0	0.0	0.0	0.0	0.0	2	١٠	1.0	0.0	1.0	0.0	0.0	1	1
1.0	0.0	0.0	0.0	0.0	ı	٥	3.0	0.7	0.0	0.0	0.3	3	3
2.0	0.ა	0.0	0.0	0.0	2	٥١	3.0	0.0	0.0	ა.ი	٠.٥	3	0
2.0   	0.1)	0.0	0.0	0.0	2	0							
3,0     	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	9.0	2	٥
1 1 1 1						;           	1.0	0.0	0.0	0.0	0.0	1	0
2.0	C•')	0.5	0.0	0.0	1	1 1 1 -	3.0	0.0	0.0	0.0	0.0	3	0
	HATURS   2.0	2.0	TUTAL NUMBER PER HIURS PUSTLARVA JUVENILE  2.0 0.0 0.0 0.0  1.0 0.0 0.0  2.0 0.0 0.0  2.0 0.0 0.0  3.0 0.0 0.0	2.0	TUTAL NUMBER PER HOUR HAURS POSTLARYA JUVENILE SUBADULT ADULT  2.0 0.0 0.0 0.0 0.0 0.0  1.0 0.0 0.0 0.0 0.0 0.0  2.0 0.0 0.0 0.0 0.0 0.0  3.0 0.0 0.0 0.0 0.0 0.0  3.0 0.0 0.0 0.0 0.0 0.0	TUTAL NUMBER PER HOUR SUBADULT ADULT SAMP  2.0 0.0 0.0 0.0 0.0 0.0 2  2.0 0.0 0.0 0.0 0.0 0.0 2  1.0 0.0 0.0 0.0 0.0 0.0 1  2.0 0.0 0.0 0.0 0.0 0.0 2  3.0 0.0 0.0 0.0 0.0 0.0 3	TUTAL NUMBER PER HOUR NUMBER OF HIDE SUBADULT ADULT SAMPINDIV.  2.0 0.0 0.0 0.0 0.0 0.0 2 0  1.0 0.0 0.0 0.0 0.0 1 0  2.0 0.0 0.0 0.0 0.0 2 0  1.0 0.0 0.0 0.0 0.0 2 0  2.0 0.0 0.0 0.0 0.0 2 0  3.0 0.0 0.0 0.0 0.0 2 0	TUTAL HAURS POSILARVA JUVENILE SUBADULT ADULT SAMPINDIV. HOURS  2.0 0.0 0.0 0.0 0.0 2 0 11.9 1.5 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	TOTAL   NUMBER PER HOUR   HOURS   POSTLARVA   JUVENILE SUBADULT   ADULT SAMPINDIV.   HOURS   PUSTLARVA	TOTAL NUMBER PER HOUR HOURS SAMPINDIV.  2.0 0.0 0.0 0.0 0.0 2 0 11.9 0.0 0.1 1.5 0.0 0.7 0.0 1.0 1.0 0.0 0.0 0.0 0.0 1 0 3.0 0.7 0.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 2 0 3.0 0.7 0.0 2.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TOTAL   NUMBER PER HOUR   NUMBER OF   HOURS   NUMBER PER HOUR	TOTAL   NUMBER PER HOUR   ADULT   SAMP-INDIV.   TOTAL   NUMBER PER HOUR   SUBADULT   ADULT   SAMP-INDIV.   HOURS   PUSTLARVA JUVENILE   SUBADULT   ADULT   ADULT   SAMP-INDIV.   HOURS   PUSTLARVA JUVENILE   SUBADULT   ADU	TOTAL   NUMBER PER HOUR   NUMBER OF   HOURS   POSILARNA JUVENILE   SUBAOULT   ADULT   SAMPINDIV.

TABLE 323-SYMBOLOPHORUS VERANYI-

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

0.0 0.0 0.0

	ļ		0	AY			·	!		NIC	 Энт			<u>.</u>
DEPTH M	TOTAL HJURS	PUSTLARVA	NUMBER : PER JUVEN ILE		ADULT	NUMBE SAMP	R OF	TOTAL	POSTL ARVA	MUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER	
SURF	!					~		29.0	0.0	0.03	0.0	0.0	38	1
25 50	2.0	0.0	0.0	C•0	0.0	2	0	1.1	0.0	0.0	0.9-	0.0	1	1
75 100	1 6.0	0.7	0.0	0.0	0.0	6	4	1.0	0.0	1.0	0.0	0.0	1	1
125 150	1 2.0	0.0	0.0	0.0	0.0	2	0	3.0-	0.0	0.0	0.3-	0.0	3	1
175 200	6.0	0.0	0.0	0.0	0.0	6	0	2.0	0.0	0.0	0.0	0.0	2	0 1
225 250	l						1	1						1
275 300		0.3	0.0	0.0	0.0	2	0	1 3.0	0.0	0.0	0.0-	0.0	3	0 1
325 350							1	1						i
375 400		0.0	0.0	0.0	0.0	3	0 1	3.1	0.0	0.0	0.0	0.0	3	0 1
425 450	Ì						1							į
475 500	1	-0.0	0.0	0.0	0.0	3	-0 İ	3.0	0.6	0.0	0.0	0.0	3	0 1
525 550	1		•				į		•	• • • • • • • • • • • • • • • • • • • •	•••	0.0		Ĭ
57> 600	I	0.0	0.0	0.0	0.0	3	, i	3.0	0.0	0.0	0.0	0.0	3	, i
625	İ	•••	٠٠٠	0.0	0.0	•	į	, ,,,	0.0	0.0	0.0	0.0	•	Ĭ
675	ı						į							į
700 725	1					_		1					_	,
750 775	I	-0.0	0.0	0.0	0.0	2	9 [	3.0	0.0	0.0	0.0	0.0	3	ا د
800 825	l						į	-						ļ
850 875	l						ļ							3
900 925	I						ļ	-			k '	12	29	
950 975							ļ					٠٠, ١١.	*•	i
1000		0.0	0.0	0.0	0.0	2	0 [	į						i

ABLE 324										
YMBOLUPHGRUS Day	VERANYI					HCUR IN DI IS OF SUNRI				ED 1
12E		DEPT	HS SAFFLE	O (H)						
HM	150	235	375	500	700	940				
20 21 22					0.3 0.3 0.3					
C./HOUR	C+0	0.0	0.C	0.0	1.0	0.0				
C. HOU25	3.0	2.0	3.0	2.0	3.0	3.0				
IO. SPEC.	0	C	С	0	3	0				
IO. SAMPLES	3	2	3	2	3	3				
TABLE 325										
SYMBOLOPHORUS DAY	1YMARSV Z					ER HOUR IN OURS OF SUN				MED 2
SIZE		DE	PTHS SAME	LED (M)						
nn	SURF	100	150	200	300	400	●00	-1000		
28							0.5			
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0-		
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0		
NO. SPEC.	0	0	0	0	0	0	1	0		
NO. SAMPLES	2	2	1	2	2	3	1	1		
TABLE 326										
SYNSOL OPHORU	S VERANYI		-NUMI SAM	ER OF SPI PLES WITHI	GIMENS PI	ER HOUR IN DURS OF SUN	DISCRETE RISE OR :	DEPTH SAM SUNSET EXC	PLES FROM LUDED	MED 3
SYZE		ne	PTHS: SAM	PLED (M)						
ьx	50	100	-150	200	300	400	500	-400	750	1000
9 10		0.5								
NO./HOUR	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0	3.0	3.0	-3.0	2.0	3.0
NO. SPEC.	0	4	0	0	0-	0	0	o	0	0-
NO. SAMPLES	2	6	2	6	2-	3	3	3	2	ž
TABLE 327										
SYMBELEPHERUS NIGHT	VERANYI		-NUMB Sapp	ER OF SPE Les withi	CIMENS PE N 1.50 HC	R HOUR IN	CISCRETE RISE OR S	DEPTH SAMI UNSET EXCI	PLES FROM LUDED	MED 1
SIZE		ĐE	PTH <u>S</u> =SAPP	LED (%)						
MM	25	40	70	150	190	235	400	700		
50 51 52 53 54 55 56 57 58 59 60 61 62 63		1.C			٠					
	c.o	2.0	-0.C	0.0	0.0	0.0	0.0	0.0		
NC./HGUR NC. HOURS	1.1	1.0	c :1.c	3.0	1.0	3.0	3.0	-3.0		
NC. SPEC.	0	2	c	0	0	0	0	0		
NG. SAMPLES	2	1	1	3	-1-	3	3	3		

TABLE 328
SYMBOLOPHORUS VERANYI
NIGHT

NUMBER OF SPECIMENS PER HOUR: IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

		DEPTH	IS SAMPLE	(H)				. 60	10	800	1000
SIZE	SURF	12	45	100	150	200	400	•	,,,		
	••••		0.5								
7											
9			1.0		0.3						
11			9.5 1.0 0.5		0.3						
13			0.5								
22	0.06			1.0							
23 . 24											
25 26	•	0.7			*						
27 28		0.7									
27 17		•••	0.5								
38											
40 41											
42 43			1.0								
44 45			0.5								
46 47			0.5								
48 49	0.08										
50 51	0.08										
52 53	0.08										
54 55	0.2 0.08										
6 7 8 9 10 1 12 13 4 22 2 24 5 6 27 8 9 9 40 1 2 2 3 2 4 5 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.00							*			
59 40	0.08										
61 62	0.08 0.08										
63	0.08										•
65 66	0.08										•
67 68	0.08										
69 70	0.08										
71 72											
73 74	0.08										
75 76 77											
76 78	0.2										
80 81											
82 83	0.2										
ä	0.00										
76 79 80 81 82 83 84 96 97 98 99 100 101 102 103 104	0.00-										
<b>98</b> 99											
100 101											
102											131
104					•.	3					ىد ت
	0.88						_				
NO./HOUR	1.9	1.3					0.0	0.0	0.0	0.0	
NO. HOURS	11.9	1.5					3.0	2•1- 0	1.0-	3.0	
NO. SPEC.	23-	2				3	0		<u>0</u> -		
NO. SAMPL	ES 24	3	1		1	3	3	<b>2</b> :	=1	3	• •

SYMBOLOPHORUS N1GHT	VERANYI		NUMBE Sampl	R OF SPEC ES WITHII	CIMENS PER N 1.50 HOL	HOUR-IN	DISCRETE IRISE OR S	DEPTH-SAI Unset ex	MPLES FROM CLUDED	MED 3	
SIZE		DEPTH	S SAMPL	ED (H)							
••••	SURF	50	100	150	200-	300	400	500	600	750	
23 24 25 26 27 23 29 30			1.0								
69 70 71 72 73 74 75	0.03			<b>0.3</b>					Reprobest	duced fr available	copy.
77 7 <b>6</b>		0.9									
NO./HOUR	0.03	0.9	1.0	0.3	0.0	0.0	0.0	0.0	0.0-	0.0	
ND. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0	
NO. SPEC.	1	1	1	L-	0	0	0-	0	0	0	
NO. SAMPLES	58	1	1-	3	2	3	3	3	3	3-	

14ti + 330

CALLE	TrY CrC.		1100-	u wattos	Lewith In I	lacificat de	WELL 1	41 - 1	
> 1 /2 p*	S SILFANIE	sca alt s	straint)	FIFT.	58334. *2113	STSOULT Miles	866F1 88E63	Signaten	TUTALS
45 45		1							1
21 22 24 25 26									
34			ı						1
TETAL	č	1	ı		*			-	,

TARLE 331

CONTESTEYS COOK NUMBER OF SECURENCE OF CHARLES OF CONTESTED AS A CONTESTED OF CONTE											
S 12r	PCSTLARVAL				engliter State	outstalf Walter	ALCE I	Gold Stundler	ILTALS		
14		3							1		
TCTAL	c	1						•	1		

TABLE 332 GCNICHTHYS COCCC

ALPBER OF SPECIFERS CAUGHT IN CISCRETE-DEPTH SAMPLES FROM MED 5

\$12F	PCSTL ARVAE	JUVEN ILES	SUBADULT FEMALES	AGULT FEFALES	UNSTAGED PALES	SUBACULT PALES	ACULT NALES	UNDESIGNATED	ICIALS
10	1								,
10 11 12 14 14 16 17 19 20 21 22 24 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	•								•
12									
12									
14									
15									
le		1C 7G							10
17		7 C							7₺
18-		56							5¢ 57
19		14	21			17 27			57
5.5		2	36			27			66
21		1	24			28			66 53 32
	*		16			17			3.2
5.5			!			ŧ			1:
24			· ·			7			14
20			•			7			7
22			i			•			ì
26			i			1			
65			ž			į			4
24			ĩ		`	ī			2
31			2						2
32						1			1
33		*				1			1
34						1			1
35						1			ı
36						1			1
20 31 32 34 36 37 30			1-			1-			2
30			1						1
35			1						1
TETALS	. 1	154	125	٥	э	116	c	٤	25 -

TABLE 333
GONICHTHYS COCCO

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

j			0	AY				1		N C	ЭНТ			j
DEPTH M-	TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBER (		TOTAL HOURS	POSTL ARVA	NUMBER PER JUVEN ILE		-ADULT	NUMBER SAMPI	
SURF							, !	29.0	0.0	0.03	0.03	0.0	58	2
25   50   75	2.0	0.0	0.0	0.0	0.0	2	١٥	1.1	0.0	0.0	0.0	0.0	1	r i
100	6.0	0.0	0.0	0.0	0.0	6	٥į	1.0	0.0	0:0	0.0	0.0	1	o í
125   150	2.0	0.0	0.0	0.0	0.0	2	٥	3.0	0.0	0.0	0.0	0.0	3	ci
175 200 2/5	6.0	0.0	0.0	0.0	0.0	6	-0	2.0	0.0	0.0	0.0	0.0	2	١٥
250   275   300   325   350	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	i i
375 400 425 450	3.0	0.0	0.0	0.0	0.0	3	٥	3.1	0.0	0.0	0.0	0.0	3	0
475 500 525 550	3.0	0.0	0.0	0.0	0.0	3	٥	3.0	0.0	0.0	0.0	0.0	3	0
575 600 625 650	3.0	0.0	0.0	0.0	0.0	3	ō	3.0	0.0	0.0	0.0	0.0	3	0
675 700 725 750 775 800	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
825 850 875 900 925 950 975		0.0	0.0	0.0	0.0	2	0				: ,	1.	33	

٠ ×

**6**, 2

\*

TABLE 334
GONTCHTHYS COCCO

NUMBER OF SPECIFIES PER HOUR IN OISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF-SUNRISE OR SUNSET EXCLUDED

			D	AY			Ī	!	 N1	GHT		
	TOTAL HOURS	PUSTL ARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAMP INDI	v.	TOTAL	NUMBER PER JUVENILE		ADULT	NUMBER CF SAMPINDIV
SURF								) 	 ~			
25 50							1	}				
75	l						i	i				•
100   125							ļ	1				
150	i						- i	i				
175 1 200 1							Ţ	ļ				
275							ď	1				
250	i						j	j				
275 300	¦ .						- 1	l				
325	1						ij	i				
350 375							- 1	!				
400	ĺ						i	ì				
425 450							- [	!				
475						×	- 1	l .				
500		0.0	1.0	0.0	0.0	1	ı į	į				
525 550							- 1	<b>!</b>				
575	Ì		*				į	į				
600 625							- 1	1				
650	i						į	į				
700		0.0	0.0	0.0	0.0	1	١	1				
725	1	•••	0.0	4.0	•••	•	ĭ	i				
750 775							!	!				
800	i						i	ί .				
825							!	ļ.				
875							- [	1				
900 "	ĺ						į	İ				
925 - 950							1	1				
975	}						i	į.				
1000	ļ						- 1	!				

TABLE 335
GONICHTHYS COCCO

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1-50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	TOTAL							1		MI.	GHT=			
	HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUGADULT	ADULT	NUMBER		TOTAL	POST; ARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	-NUMBE	R OF
SURF 25								7.8	0.0	15.7	26.1	0.0	15	391
50 - i 75 - i							į	į- 1.0	0.0	0.0	0.0	0.0	1	0
100   125							i	1.0	1.0	-0.0	1.0	0.0	1	2
150-1 175-1	1.0	-0.0	0.0	0.0:	0.0-			1.0	0.0	1.0	0.0	0.0	1	1
200-l	1.0	-0.0	0.0	0+0=	V.U-	1	١٩	1.0	0.0	0.0	0.0	0.0	1	0
225   250	1.0	-0.0	0.0	0.0	0.0-	1	0	1.0	0.0	0.0	0.0	0.0	1	0
275_  300														
325   350	1.0	0.0	0.0	0.0	0.0	1	١٥	1.0	ō•0	0.0	0.0	0.0	1	0
375   400							l							
425   450	1.0	0.0	0.0	0.0	0.0-	1	0	1.0	0.0	0.0	0.0	0.0	1	0
475   500	1.0	0.0	0.0	0.0	0.0	1	٥	-1 -1						
525   550-1	-						1	1.0	0.0	0.0	C.O	0.0	1	0
575 -1 600							ł	-1						
625   650							ĺ	-1						
475   700	2.0	0.0	0.0	1.0	0.0	2	2	1						
725   750							į	<u>.</u> i						
775   800							į	: <u> </u>				1.3	.7	
825   850							ĺ	- <b>j</b>				ح. ب	124	
875   900							į	<u>-</u>						
925							į	: <b>i</b>						
975 I 1000 I							į	- [						

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED & SAMPLES WITHIN 1.50 HOURS OF SUMRISE UR SUMSET EXCLUDED SONT CHIHYS COCCU DAY

SIZE DEPTHS SAMPLED (M) 500 700 1.0 14 0.0 NO./HOUR 1.0

1.0

٥ NO. SPEC. NO. SAMPLES

1.0

TABLE 337

ND. HOURS

GONICHTHYS COCCO NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE DEPTHS SAMPLED (M) 340 495 675 0.5 29 30 31 32 33 34 35 36 37 38 0.5 0.0 NO./HOUR 0.0 0.0 0.0 0.0 1.0 NO. HOURS 2.0 NO. SPEC. 0 ٥ 2 1 NO. SAMPLES 1-1 2

TABLE 338

SIZE

NUMBER OF SPECIMENS PER HOUR-IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN:1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED GONICHTHYS COCCO

DEPTHS -SAMPLED (P)

SURF 100 200 300 400 500 400 750 28 29 30 31 32 33 34 35 36 37 38 0.03 0.03 0.1 0.0 0.0 0.0 0.0 0.0 0.0 NO./HOUR 0.0 -0.0 0.0 3.0 3.1 3.0 3.0 3.0 NO. HOURS 29.0 1.1 1.0 3.0 2.0 0 0 0 0 0 ٥ ٥ 0 ŋ 3 2 58 ı ı NO. SAMPLES

GONICHTHYS COCCO
NUMBER OF SPECIMENS PER HOUR IN DISCRETE CEPTH SAMPLES FROM MED 5
SAMPLES WITHIN 1.50 HOURS OF SUNSISE OR SUNSET EXCLUDED

SIZE		DEP	THS-SAMPL	E0 (M)						
ns .	SURF	50	80	135	155	250	325	425	510	
10			1.0							
11										
11 12 13										
13										
.14										
15 16										
16	1.1			1.0						
17	8.8									
18	7.1									
19 20	6.4 8.1									
20	6.5									
21 22	4.0									
23	1.6									
23 24	1.2		1.0							
25	0.5									
26	0.8	•								
27	0.1									
28	0.5									
28 29	0.4									
30	0.3									
31	0.3									
32 33	0.1									
33	0.1									
34	0.09									
35	0-1									
36	0.1									
37	0.3									
3 <b>8</b> 39	0.1									
_		0.0	2.0				0.0	0.0	0.0	
-NO./HOUR-	48.8	0.0	2.0	1.0	0.0	0.0		0.0		
NO. HOURS	7.8	1.0-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
NO. SPEC.	391	0	2	1	0	0	0	0	0	
NO. SAMPLES	15	1	1	1	1	1	1	1	1	

TPELE	340								
LCEIANO	CHIA CCALEINI		ALFert (	a Highlight	C/L Fi it il	of the public	28mhr=2 ti		
SIZE	STLARVAE	JUVEN IL: S	FFFALLS	sulli repalus	11.17.43	PALFO	ACULT MALES	UNUES IGNATED	IÇTALS
12 14 14 15 17 16 17 16 17 16 17 16 17 16 17 16 17 16 17 16 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17		1 4 7	2 1 4 2 1 5 6 11 6 6 16 6 16 2	47 t 15 t 42 2 2 3		2 12 14 9 14 12 21 12	5 10 25 12 12 13 14 14 14	136	22 - 52 - 61 25 - 61 27 12 32 15 32 1
19 -40 41 42				1					1
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TAFLE 343

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1 ABL 1 345 LOBIANCHIA DUFLETOI

AUGHER OF SPECIFERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED. 1 SEMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED.

		() 	AY						N1	ម្រាក		_	
14314L 430 s	Posti & Va	JOVEN PER	1100A 500A00LT	AtjuLT	AUPdE SAPP	R OF I	T STAL	PUSTLARVA	HUMBER PER JUVENILE	HUUX SUBADULT	ADULT	AUMBE SAMP	
						.j    -  -  -  -	1 1.1 1.0	0.0 0.0 0.0	1.0 6.6 3.0	0.0 C.0 37.0	0.0 21.0	2 1 1	6
1.0	٠.			J+U	3	ا ا- ت	-   3.5	0.0	9.C	0.0	7.3	3	22
						- 1	1	<b>2.</b> 9	9.0	6.0	2.0	1	:
۷.٠۶	·		j. <sub>0</sub>	5.0	2	- 1	٠.	0.0	c.0	0.3	0.0	3	1
3.	Lavy	1.0	5.3	2.3	3	- j  - j  - j  - j  - j	3.	<b>9.</b> 0	c. c	0.0	0.0	3	C
2.^	<b>v.</b> ,	<b>3.</b> 1	10.5	13.0	2	53   53   1 1 1							
¥• ·	6.,	<b>0</b>	c.r	).0	3	6 ] 6 ] 1	3.0	c.0	c.o	<b>0.0</b>	0.0	3	o
3.6	۲.,	<b>4.</b> e	c.c	^ <b>.</b> a	3	0	 				138	3	

111

į			0	AY ,			j			NI	GHT			
UEPTH I	TOTAL HOURS		NUMBER PER JUVENTLE		ADULT	NUMBER SAMP!		TOTAL HOURS		NUMBER PER JUVENILE		ADUL T	NUMBE SAMP	
SURF   25   50		0.0	0.0	0.0	0.0	2	0	11.9	0.ù 0.0 0.5	0.0 0.0 3.5	0.0 0.0 8.0	0.0 0.0 0.5	24 3 1	0   0   25
75   100	2.0	0.0	C. 0	0.0	0.0	2	0	1.0	0.0	0.0	1.0	. 2.0	t	3
125   150   175	1.0	0.0	0.0	0.0	0.0	1	١٥	3.0	0.0	0.0	0.0	0.3	. 3	1
200 1 225 1 250 1	2.0 	0.0	0.0	0.0	0.0	2	٥	3.0	0.0	0.0	0.0	0.3	3	1
275   300   325   350   375	2.0 I	0.0	0.0	0.0	0.0	2	0							
400   425   450   475   500   525   550	1 3.0 1 1 1	0.0	0.0	1.0	0.9	3	3             	2.1	0.0	0.0	0.0	0.5	2	1
575 600 625 650 675 700 725 750	i i i i i						         	1.0	0.0	0.0	0.0	0.0	1	0
775 800 825 850 875 900 925 950	   2.0             	0.0	0.0	0.0	0.0	1	ō	3.0	0.0	0.0	0.0	0.0	3	0
975 1000		c.v	0 <u>.</u> c	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 347 LOBIANCHIA DOFLEINI

2.3

NUMBER OF SPECIMENS PER HOUR- IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNTISE OR SUNSET EXCLUDED

ļ			0	AY						N I	GHT			
CEPTH	TOTAL	POSTLARVA	NUMBER-PER JUVENTLE		ADULT	NUMBER Samp1		TÖTAL HOURS	POSTL ARVA	NUMBER_PER JUVENILE		-ADULT	NUMBER	
SURF								29.0	9.0	0.0	0.0	0.0	58	0
50 I	2.0	0.0	0.0	0.0	0.0	5	0	1.1	0.0	0.0	0.9	0.0	1	ւլ
101   125	6.0	0.0	0.0	0.0	0.0	6	٥	1.0	0.0	0.0	1.0	1.0	1	2
150 I	2.0	0.0	Ú. O	0.0	0.0	5	٥	3.0	0.0	0.0	0.0	2.3	3	-7
175   200   225   250	6.0	0.0	0.0	0.0	0.0	6	٥	2.0	0.0	0.0	0.0	0.0	2	٥
275   300   325   350	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.3	3	-1
375   400   425   450	1 3.0 1	0.0	0.0	0.0	0.0	3	٥	3.1	0.0	0.0	0.0	0.0	3	٥
475 500 525 550	   3.0 	0.0	0.3	1.3	0.0	3	5	3.0	0.0	0.0	0.0	0.0	3	0
575 600 625 650	3.0	0.0	0.3	0.0	0.0	3	1	3.0	0.0	0.0	0.0	0.0	<b>3</b>	0
675   700   725   750   775   800	i i i i 2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0		0 1
825   850   875   900   925   950   975	1 1 1 1										-	139		 
1006		C.0	0.0	0.0	0.0	2	0	İ						į

tarracona porconi

AUMORR OF SPECIMENS PER HORR IN DISCHEFF BEPTH SAMPLES FRUM MEN. A SAMPLES HIMIN 1-53 HEURS OF SURKISE IN JUNSET FACEURE

	! !			.4Y		********	•	 		u)	udî		
прін Я	1 IAL	5+>1FV5A+	A14 MINNEL IJIPIVOL	SUAANUL 1	AUULI	PAME - LUBIA PAME + CII	.)	FUAL HOUGS	P.51t 4"V4	106364 45 11 53500	Photos Talk value	APULT	41 Marin ()
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TABLE 349 LOBIANCHIA DOFLEINI

NUMBER OF SPECIFICAS PER HOUS IN OFFICE IT. WHICH STREET OF CO. SAMPLES WITHIN 1-50 HEU S. OF SUNCIAL OF SINSET FACTOR ).

			ט	AY		~~~~~	!	!		.1 - ()				
оертн Ч	TOTAL HOURS		NUMBER PER JUVENILE		ABULI	1043E0 1-4462		TOTAL TOTAL	e istraiya	j v <sup>*</sup> i, <sup>*</sup>		.1		
SURF I								7.	****	J.,,	.,	• • • • • • • • • • • • • • • • • • • •	1	1
50 J							= [		1.	/**		•	ì	
75   100	i						į	1.00	3.3	J. 2	1		1	* 1
125   150   175	1.0	0.0	0.0	0.0	0.0	1	0	1.0	Jes Jes	) )	v1	••	I I	
200   225   250		0.0	0.0	0.0	0.0	1	9-	1 1.0	J. X	7 <b>.</b> J	. ;		ı	:
275   300						-	1							į
325   350   375	1.0	0.0	0.0	0.0	0.0	1	υ-j  - - - - - - - - - - - - - - - - - -	ĺ	3.1	۲۵	• •		i	, i
400   425   450	1.0	0.0	0.0	0.0	0.0	1	0 -1 1	j 1.0	v.:)	***	20.0	• •	•	.
475   500   525   550   575	-1-0	0.0	0.0	0.0	0.0	1	-  	i   1.0	<b>a.</b> 3	J. U	3	.X <sub>4</sub> . J	1	
600   625   650   675   700	2.0	0.0	v.o	0.6	u.o	5	  -   	ĺ						1
725   750   775   800							)     				1	140		1
825   850   875   900   925							-1 1 1							; ; ;
950   975   1000	l I						; !	i !						! !

TABLE 350

LOSTANCHIA COFLEINI

NUMBER OF SPECIFIES PER HOUR IN CISCHETE CEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SURRISE OF SURSET EXCLUDED

512t		DEPTHS SAPPLED (P)								
	156	235	3 75	500	163	940				
12				C.5						
13										
14				1.5 C.5						
15 16				6.7						
17			C.3	2.C						
18			C. 7	1.0						
19				0.5						
20			C.3	C.5						
21			1.C	C.5						
22			C. 7	0.5						
23			1.0	1.C						
24			-C. 7	1.5						
25			1 • C C • 3	2.C 1.5						
26			C.3	1.0						
27 78			c. 1	1.0						
29			C. 3	4.5						
30			(. ;	1.0						
ίĭ				2.5						
32				0.5						
33			c.1	C.5						
34				0.5						
35				C. 5						
36										
37				0.5						
38				0.5						
39 40										
41										
42				0.5						
AL./HIUP		<b>c.</b> c	b.3	26.5	3.0	0.0				
NC. HOURS	1.0	***	3.6	2.0	3.0	3.0				
NL. SPEC.	c	t,	25	53	υ	U				
NC. SAMPLES	3		3	2	3	1				

TABLE 351

LOBIANCHIA OOFLEINI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROMEMED 2-DAY SAMPLES WITHIN 1.50 HOURS OF SUMRISE OR SUNSET EXCLUDED

SIZE		DEP						
MH	SURF	100	150	2 C O	300	400	800	1000
21						0.3		
21 22 23 24 25 26 27						0.3		
26 27						0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0-	0	0	0	3	0	0
NO. SAMPLES	2	2	1	2	2	3	1	1

1 MULE 352										
LOBIANCHI A DAY	DOFLEINI							DEPTH SAM UNSET EXC		NED 3
SIZE		06#	THS SAMPL	.ED (#)						
	50	100	150	200	300	<b>♦</b> 00	500	600	750	1000
12 13 14								0.3		
14 15 16 17 18							0.7			
20 19							0.7			
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.3	0.0	0.0
NO. HOURS	2.0	<b>6.0</b>	2.0	6.0	2.0	3.0	3.0	3.0	2.0	3.0
NO. SPEC.	0	0	0	0	0	0	5	1	0	0

TABLE 353

NO. SAMPLES

LUBIANCHIA DOFLEINI NUMAEN CE SPECIMENS PER HOUR IN DISCRETE DEPIN SAMPLES FROM MED 4
SAMPLES, WITHIN 1.50 HOURS OF SUMRISE OR SUMSET EXCLUDED

SIZE MM		DEPTHS-SAMPLED (M)
70	500	700
15	1.0-	
16 17	2.0	
18 19	3.0	
20 21	1.0	
22	1.0	
23 24	1.0 2.0	
25 26	4.0 1.0	
27	1.0-	
NO./HOUR	17.0	0.0
NO. HJÚRS	1.0	1.0
NO. SPEC.	17	-0
NO. SAMPLES	1	-1

LUCIAGERIA BEFERBI NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE LEPTH SAMPLES FROM MED I SAMPLES WITHIN 1.50 HOURS OF SURRISE OR SUNSET EXCLUDED

\$17t		υFF	THS SAFFL	(4) 03				
,,,	25	40	70	150	190	230	400	100
12 13			1.0					
13			5.C					
15								
16								
17	1.0		1.0			2.3		
1,	1.0		1.0			7.5		
20			₹•6					
<b>c1</b>			3.C					
22			5.6					
(3			4 • C					
24 25			3.€ 5.6					
26			12.0					
>7			e.C					
23			1.C	C-3				
2-) 10			4. C	2.5				
513 51			2.6 1.8	C.7 C.3				
32			2.0	0.7				
33				1.0				
34				6.7	1.0			
35				C. /	1.0			
36 37				6.7	1.0			
,,				· · ·				
NC+/H: U (	1.5	J.L	61.0	7.3	5.3	ÿ•3	.*•0	C
AL. HIUNS	1.1	-1 • C	1.0	3.6	-1 • *	3.2	3.0	3.0
NC. SPEC.	1	ι	61	il	2	1.	•	c
NO. SAMPLES	2	1	1	.3	1	3	3	3

TABLE 355

LOBIANCHIA NIGHT	OOFLEINI						DISCRETE IRISE OR S		IPLES-FROM LUDED	MED 2
SIZE MM		DEI	THS SAMPL	.ED (F)						
	SURF	12	45-	100	150	200	400	600	800	1000
10 11 12 13 14			0.5- 2.5							
15 16			1.0							
17			0.5							
18 19			0.5 0.5							
20			0.5							
21			1.0							
22 23			0.5- 1.0							
24			1.5							
25 26			1.5 1.0	1.0						
27			1.0							
28										
29 30			0.5	1.0						
31 32										
32 33				1.0	0.3					
34 35 36 37							0.5		,	143
38 39						0.3				
NO./HOUR	0.0	0.0	12.5	3.0	0.3	0.3	0.5	0.0	0.0	0.0
NO. HOURS	11.9	1.5	5.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	25	3	1	1	1	0	0	0
NO. SAMPLES	5 24	1	1	1	3	3	,	1	٦-	3

**4**, ,•

NIGHT			SAMP	ER OF SPE LES WITHI	N 1.50 HO	R HOUR-IN URS OF SU	DISCRETE NRISE OR	DEPTH SAI SUNSET EX		M MED 3
SIZE MM		DE	PTHS SAMP	LED (M)						
	SURF	50	100	150	200	300	400			
24 25		0.9				200	700	500	600	750
25 26 27 28 29 30			1.0							
31 32				0.3		0.3				
34 35 36			1.0	0.3 0.7 0.3						
37 36				0.3 0.3						
NG./HOUR	0.0	0.9	2.0	2.3	0.0	0.3	0.0	0.0		
NG. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1.		0.0	0.0
NO. SPEC.	0	1	2	7	0	1		3.0	3.0	3.0
NO. SAMPLES	58	1	1	3-	t	3	0. 3:	0- 3	0 3	0 3

TABLE 357 LOBIANCHIA DOFLEINI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH-SAMPLES:FROM MED-5 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET-EXCLUDED SIZE DEPTHS SAMPLED (M) SURF 50 80 135 155-250 325 425 510 23 24 25 26 27 1.0 1.0 NO./HOUR 0.0 2.0 0.0 0.0 0.0 0.0 0.0 NO. HOURS 1.0 1.0 1.0 1.0 1.0 1.0 1.0 NO. SPEC. 0 2 0 0. 0-0 NO. SAMPLES 15 1 1 1 1= 1

T#ELE 358
T#ELE 358

CIAPPUS	PAFINESULE 1	,	NUMBER C	C SPECIPENS	CAUCET IN CI	SCRETE CEFTH	SAMPLES FF	1 DH MED 1	
\$12£	FCSTLANVAE	JUVENILES	SCHAULL1 FEPALLS	ACULT FLFALES	LKSTALEL PALES	SUPACULI PALES	#CULT PALES	UNCESIGNATED	TETALS
32			1						1
324 324 325 326 327 329 40 41 442 444									
34						1			
36			1			•		•	i
27			•			1			ī
38						1			1
29						1			1
40									,
42			•						•
43									
44						1			1
45						ź			2
40									1
48									
49									
20									
51	,								
57									
£4					-				
55									
56	*								
57				1					1
50							•		•
44445555555555555555555555555555555555				1					1-
c l									_
65				2					2
62 64				2					2
. ,				•					<b>4</b> -
-TCTALS	c	Ç	3	7	,	4	1	\$	2¢

1	٠	21	E	359

CIAPPUS	raf in Esule	ī	NUMBER (	F SFECIPENS	CAUGHT IN CI	SCFLTE CEPTH	SAMPLES F	POM MED-2	
SIZE	"CSTLARVAE	104591665	SLUAULL T FLMALES	/CLL  Fe#ALES	UNST/GEG PALES	SUBACULT	FULLT	LNCE SIGNATEL	CTALS
34						1			1
35						1			1
36						1			1.
35 36 37 38 39						1			1
38						1			1
						1			1
40 41						ξ,			ξ.
42									1-
43						,			,
44						ĩ			ĩ-
45						ī			ī
46						ī			Ī.
47						j			1
48									
49									
50									
51									
52						1			1
77									
70				,					
									1
TOTALS	c	c	C	1	٤	17	٤	c	1.5

TAPLE	350								
CIAPHUS	RAF INESQUE!		, KLMBER CF	SPECIPENS	CAUGHT IN CLA			UM MED 3	** *** *
512t	PUSTLARVAE	JUAEN ITE 2	SCHACULT FEMALES	AULL1 Fepales	UNSTACEL PALES	SULACULT PALES	PALES	UNDESIGNATED	
12		1 1							1
27		•	1						1
28 29									•
31						1			ı
22 24						1			ì
25 26			3 1			*			3
14 27 28 20 31 32 24 25 36 37			1			2 -1			2 1
46 41						1			1
42 43 44			1			1			1
45 46			1			•			1
47									
49 50									
52 52							2		2
54 55				2 .			-1		3
4485555555564				2 3 3	*		:ì		4
55 60				ĭ					1-
62				1			1 -1 2		2 2 2
62 64							Ę		•
66 67									
68 69				2			.Ī		4 2
70 71				2					1:
62 64 66 67 68 69 71 72 73 75				1					1
75 76				1					1 1-
76 77 78				1					_j=
TCTALS	С	ž	ŧ	23	ä	-1.)	5		52

	361 Rafinesquei	r	-ALPBER C	F SFECIPENS	CAUCHT IN CI	SCRETE-GEFTH	SAMPLES F	RUM MED 4	
SIZE MM	POSTLARVAE	JUVEN ILE S	SLUADLLT FEPALES	ACULT FEPALES	unstagec Pales	SUBACULT MALES	ACULT PALES	Osf And I 2 sonu	TLTALS
11 40 58 57	1			1		ı			1.
TCTALS	1	ε	c	1		1	c	s	2

TAPLE	362					×			
DIAPHUS	RAFINESQUE	1	NUMBER CF	SPECIMENS	CAUGHT IN CI	SCRETE CEPTH	SAMPLES FR		•
SIZE	-POSTLARVAE	JUVEN ILES	SUBADULT FEMALES	ADULT FEPALES	UNSTAGED PALES	SUBACULT MALES	ACULT MALES	UNCESIGNATED	
11	2								2
37			ı,						1
33 34									
35 36									
37 38									
39									
40 41									•
42									
42 43 44 45 46									
45			1						1
47			•						-
48									
50 51 52 53									
51 52									
53 54									
55	_								
56 57	•				•				
58 59									
60							1		1
61 62									
62									
64 65									1
66 67				1					
68									
- 70									
71 72									
72									1
74				-1				_	
TOTAL	s 2	c	2-	2	0	0	1	C	7

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED DIAPHUS RAFINESQUET

- 1			D	AY				-		NI	GHT			
DEPTH=	TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBER SAMP.	OF	TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBER Samp1	
SURF = 25 = 1 50 = 1 75 = 1						-		-    1.1  -  1.0  -  1.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	2- 1 1-	0
1255 150-1 1755	3.0	0.0	0.0	0.0	0.0	3.	0	3.0	0.0	0.0	0.0	0.0	3-	0
200=  225=  250=  275=	2.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	1.0 0.3	0.0	3	1
300:1 325:1 350:1 375:4 400:1 425:1	3.0	0.0	0.0	0.0	0.0	à-	0	3.0	0.0	0.0	0.3	0.3	3	1
450 =   475 =   500 =   525 =   550 =   575 =	- 2•0  -	0.0	0.0	3.0	3.5	2	13	=						i
600 =   625 =   650 =   675 =   700 =   725 =   775 =	3.0	0.0	<b>c,</b> 0	0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0 1.47	3	0
#25 #50 #75 1 900 1 925 950 975	]-  -  -  -  -  -	0.0	0.0	• 0.0		3=	o	-   -   -   -   -   -   -   -   -   -				<i>-</i>		

TABLE 364

4.3

DIAPHUS RAFINESQUE!

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES MITHIN 1.50 HOURS OF SUMRISE OR SUNSET EXCLUDED

			0	AY			NIGHT							
DEPTH N	TOTAL HOURS	POSTLARVA	NUMBER PER JUVEN (LE	HOUR SUBADULT	AOULT	NUMBER SAMP1		TOTAL	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER	
SURF   25   50   75		0.0	0.0	0.0	0.0	2	0	11.9 1.5 2.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 2.0	0.0 0.0 0.0	24 3 1	0 0 4
100 125	2.0	0.0	0.0	0.0	0.0	2	١٠	1.0	0.0	0.0	1.0	0.0	1	1
150	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	٥
175   200   225   250	2.0	-0.0	0.0	0.0	0.0	2	0	3.0	0:0	<b>0.</b> ●	1.7	9.0	3	5
275 300 325 350 (		0.0	0.0	0.0	0.0	2	0	-  -  -						   
375 400 425 450 475 500	3.0   	0.0	0.0	0.3	0.0	3	1	2 1	0.0	0.0	0.0	0.0	2	0
525- 550 575 600 625- 650- 675	 					•	, , , , ,	1.0	0.0	-0.0	0.0	0.0	1	0
700 725 750- 775 <u>-</u> 800 <del>-</del> 825 <u>-</u> 850 <u>-</u> 875 <u>-</u>	 	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	-0
925 <u>-</u> 950 975 <i>-</i> 1000	  - 	0.0	0.0	0.6	0.0	1	0	3.0	0.0	0.0	0.0	0.0	3	0

TABLE 365

**& >** -⟨\*- , OIAPHUS RAFINESQUEI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUMSET EXCLUDED

= [			0	AY			NIGHT							
OEPTH-	TOTAL HOURS		NUMBER PER JUYENILE		ADULT	NUMBER SAMP1		- TOTAL - HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP	
SURF	<b></b>							29.0	0.0	0.0	0.0	0.44	58	1
25-1 50-1	3.0-	0.0	0.0	0.0-	0.0	2	0	1.1	0.0	0.0	3.7	0.0	1	4
75 - 1 100	6.0	0.0	0.0	0.0-	0.0-	•	0	- 1.0	0.0	0.0	1.0	0.0	1	1
125=  150=	2.0	.0.6	0.0	0.0	0.0	2	0	3.0	0.0	0.0	,0.3	0.3	3	2
175_ 200-	4.0-	0.0	0.0	0.0-	0.0	•	0	2.0	0.0	0.0	0.0	0.5	2	1
225- 250-	i .													
275-1 300	2.0	0.0	0.0	0.0	0.0-	2	0	3.0	0.0	0.0	0.0	1.3	3	4
325_  350≥								:						
375 - 400	3.0	0.0	0.0	0.0	0.0	3	٥	3.1	0.0	0.0	0.3	2.3	3	ı
425- 450-								Ē						
475= \$00=	1	-0.0	0.0	1.3	1.0	3	7	3.0	-6.0	0.0	0.0	0.7	3	
525= 550-														
575 600		0.0	0.0	0.0	2.3-	3	7	3.0	0.0	0.0	0.0	0.7	3	
625 <u>=</u>	<u> </u>							-						
675 700	1							! !						
725± 750		0.0	0.0	0.0	0.0	2	0		0.0	0.0	0.0	0.0	3	(
775=	i							1 1						
825 850	İ													
875 900:	İ					•					; ,	4.5	0	
925	İ										• '	14	<b>9</b>	
975	ı	0.0	0.0	0.0	0.0	. 2	0							

DIAPHUS RAFINESQUEL

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS\_OF SUNRISE OR SUNSET EXCLUDED

4	*
3	21

		0	AY			NIGHT							
TOTAL - HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAMPINDIV	TOTAL HOURS	POSTL ARVA	NUMBER PER JUVENILE	HOUR Subadult	ADULT-	NUMBER OF SAMPINDIV		
!						-							
						11							
1						11							
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-I -I						! !					•		
i						i i							
}- 						11							
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- 1													
1 1.0	0.0	0.0	0.0	0.0	1	11							
Ì						11							
-i						ii				•			
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-1													
ાં						i i			•				
다. 프						11							

TABLE 367
DIAPHUS RAFINESQUEI

NUMBER OF-SPECIMENS PERTHOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1-50 HOURS OF SUNRISETOR SUNSET EXCLUDED

i			0	AY			NIGHT							
EPTH M	TOTAL HOURS	POSTLARVA	MUMBER PER JUVENILE	HOUR SUBADULT:	ADULT	NUMBER SAMP1	OF NOIV.	TOTAL I-HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR -SUBADULT	ADULT	NUMBER	R OF
SURF								7.8	0.0	0.0	0.0	0.0	15	0
25 50								1.0	0.0	0.0	0.0	0.0	1	0
75   100							j	-1.0	C•0	0.0	0.0	0.0-	1	0
125								1.0	0.0	0.0	0.0	0.0	1	0
175	1.0	0.0	0.0	0.0-	0.0	1-	0	1.0	-0.∙0	0.0	0.0	0.0	1	0
225   250	1.0	0.0	-0.0	0.0.	0.0	1-	0	1.0	0.0	0.0-	0.0	0.0	1	0
275 300								1						
325   350	1.0	0.0	0.0	0.0	0.0	1-	0		0.0	0.0	0.0	0.0	1	0
375   400				-										
425	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0
475   500	1.0	0.0	-0.0	0.0	0.0	-1	0	\$-   <b> </b>						
325   550							ļ	1.0	0.0	0.0	0.0	2.0	1	2
575   600							ļ							
625 T														
675 700		1.0	0.0	0.5	0.0	2	3							
725 750	ļ							1						
775	] 						l	<b>                                     </b>				14	19	
825 850	i l							1					~~	
875 960								1						
925							į							
975								1						
TOOL	!													

TABLE 368

DIAPHUS Day	RAFINESQUEI	NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED
DAY		SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		OEP	THS SAPPL	ED (#)		
	150	235	375-	500	700	940
34 35				0.5		
36				0.5		
37 38				0.5 0.5		
39				0.5		
40						
41 42						
43 44						
44				0.5		
<u> </u>				0.5		
58 59				0.5		
60						
61						
62 63				1.0		
64				1.0 0.5		
NC./HOUR	0.0	0.0	0 • C	6.5	0.0	0.0
NO. HOURS	3.0	2.0	3.C	2.0	3.0	3.0
NO. SPEÇ.	0	0	Ċ	13	0	0
NO. SAMPLES	3	2	3	2	3	3

TABLE 369

\*\*15

DIAPHUS RAFINESQUEI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (H)				
MM	SURF	100	150-	200	300	400	800	1000
44						0.3		
NO./HOUR	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	0	0	0	~ 0	1	U	0
NO. SAMPLES	2	Z	1	2	2	3	1	1

TABLE 37	70										
DIAPKUS RAFIN Day	HESQUE I		NUMB	ER OF SPEC	CINENS PE	R HOUR IN	DISCRETE	DEPTH SAF	IPLES FRO	M MED 3	
			3477	LES MITHII	N 1.50 HO	URS OF SUI	IRISE OR S	SUNSET EXC	CLUDED		
IZE MM	50		PTHS GAMPI	•							
36	70	100	150	200	300	400	500	600	750	1000	
37 36							0.7				
39 40							0.3				
41											
41 42 54 55							0.3	0.3			
56								0.5			
57 58							0.3	0.7			
59 60 61 ·											
62								0.7			
63 64 65							0.3				
66 67 ,											
68 69					*			0.3			
70 71								0.3			
72 73		•					0.3				
74 75 76											
77 78											
IO./HOUR	0.0	0.0	0.0		۸ -		• -'	0.3			
O. HOURS	2.0	6.0	2.0	0,0 <b>6.0</b>	0.0	0.0	2.3	2.3	0.0	0.0	
O. SPEC.	0	0	0	0	2.0	3.0 0	3.0 7	3.0 7	2.0	3.0	
O. SAMPLES	2	6	2	6	2	3	3	3	0 2	0 2	
<del></del>		-				*** ** NAME - YAR				,	
TABLE 371											
DIAPHUS RAFII Day	NESQUEI		NUMB! SAMP!	R OF SPEC	IMENS PER	R_HOUR IN	DISCRETE IRISE OR S	DEPTH SAN	IPLES FROI	4 MED 4	
IZE		DEI	PTHS SAMPI	LED (M)							
MM	500	700									
40 51	1.0										
	1.0										
#O./HOUR	2.0	0.0									
NO. HOURS	1.0	1.0									
NO. SPEC.	2	0									
NO. SAMPLES	1	1									
'ABLE 372											
DIAPHUS RAFIN	IESQUE I		NUMB! SAMP!	R OF SPEC	IMENS PER	R HOUR IN	DISCRETE	DEPTH SAM SUNSET EXC	IPLES FROI LUDED	NED 5	
126		DEF	PTHS SAMP	.ED (M)			_				
MM	160	250	340	410	495	675					
11						1.0					
<b>#</b>						0.5					
10./HOUR	0.0	0.0	0.0	0.0	0.0	1.5				; ,	A +
NG. HOURS	1.0	1.0	1.0	1.0	1.0	2.0				; ,	15

TABLE	373			,					
DIAPHUS NIGHT	RAFINESQUEI		NUMBE SAMPL	R OF SPEC ES WITHIN	IMENS PER 1.50.HOU	HOUR IN- RS OF-SUN	DISCRETE RISE OR S	DEPTH SAMPL UNSET EXCLU	ES FROM MED 1 DED
SIZE		DEP	THS SAMPL	ED (#)				_	
MM	25	40	70	150	190	235	400	700	
41							0.3		
42 43									
42 43 44 45					1.0	0.3			
₹0							0.3		
NO./HOUR	0.0	0.0	0.C	0.0	1.0	0.3	0.7	0.0	
NO. HOUR	S · 1.1	1.0	-1.0	3.0	x 1.0	3.0	? <b>.</b> 0	3.0	
NO. SPEC	• 0	0	0	0	1	1	2	0	
NO. SAMP	LES ,2	<b>1</b>	1	3	1	3	3	3	

TABLE	374									
DIAPHUS NIGHT	RAFINESQUE I							DEPTH SAM Unset exc		I-MED 2
SIZE		DEP	THS-SAMPL	ED (M)						
nn .	SURF	12	45	100	150	200	400	600	300	1000
34 35 36.			0.5 0.5 -0.5							
37 <sup>-</sup> 38 39			V. 3	1-0		0.3-				
40 41						6.3				
39 40 41 42 43 44 45 46						0.7				
46 47						0.3-				
NO./HOUR	0.0	0.0	2.0	1.0	0.0	1.7	0.0	0.0	0.0	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	. 0	0	4	1	0	5-	0	0	0	0
NO. SAMPL	.ES 24	3	1	1	3	3	2	1	3	3

NO. SPEC.

NO. SAMPLES

0

15

0

0

1

1

1

Note   Description   Descrip	TAELI									
			Mark H. C.							1CTALS
TARLE 378  CLAPPUS PELLEY AND JUVANIES SECRET SPECIFIES CALCEL IN CUSEPILE LEPT SAMPLES FOR MED. 7  TOTALS 1 S : 25 . 324	**		3070.120.1			MALIS				1
TABLE 378  CIAPPUS PULTI  ALPREV OF SPECIPERS CALCET IN CISCRETE CLEFT SAMPLES FOR MLL /  PROSTLANDA JUVENILES SILABILIT FELLT WASTROOF SUPPLIED ABOUT ABOUT CHIRLSTONAL /  PROSTLANDA JUVENILES SILABILIT FELLT WASTROOF SUPPLIED ABOUT ABOUT CHIRLSTONAL /  1	1)	1								
TARLE 378  CIAPPUS PLETI  ALPOPU E SPECIPENS CALCET IN DISCPETE LEPTH SAMPLES FOR MELL /  FLANLES PERMILS PERMILS PARES PARES WALES WALES MALES  PP POSTLAMAN JUVENILES SUBBOLIT PERMILS PARES WALES WALES WALES  1	12 12		4							4
TABLE 378  CIAPPUS PLATI  ALPRES OF SPECIPERS CALCEL IN CISCAPE CEFTE SAMPLES FOR MILE /  PLANTES FEPALES FEMALES PALES PALES PALES PALES PALES  POSTLANVAR JUVENILES SUBBOLIT ADULT UNSTAULT IN CISCAPE CEFTE SAMPLES FOR MICE /  TOTALS 2 1 C 1 ::  10	14		1							<b>ì</b>
TABLE 378  CIAPPUS PLATI  ALPRES OF SPECIPERS CALCEL IN CISCAPE CEFTE SAMPLES FOR MILE /  PLANTES FEPALES FEMALES PALES PALES PALES PALES PALES  POSTLANVAR JUVENILES SUBBOLIT ADULT UNSTAULT IN CISCAPE CEFTE SAMPLES FOR MICE /  TOTALS 2 1 C 1 ::  10	?'. ''							1		
TETALS   1   5   25   25   26   26   26   26   26	22 22									_
TABLE 278  CISPIUS PLATI  CISPIUS PLATI  CISPIUS PLATI  CISPIUS PLATIC  CISPIU	24 25									
TETALS   1   5   25   25   26   26   26   26   26	26 37				2			:		1 2 4 Ł
	36 40				1			2 2		2
TABLE 378  CIAPPUS PLITI  ALPRED (F SPECIPEAS CALCET IN CISCPLE LEPTP SAMPLES FORM ACC.)  SIZE PESTLANAM. JUVENILES SERABLIS FEMALES PALES PALES PALES  PROSTLANAM. JUVENILES SERABLIS FEMALES PALES PALES  1								1		3 1 1
DIAPPUS FOLTI  NUMBER OF SPECIPERS CALCET IN DISERTE LETTE SAMPLES FROM MED 7  SIZE POSTLANVAR JUVENILLS SHEARLS FEBRLES PALES WALLS MALES MEDICAL ACULT MEDICAL ACULT MALES POPPUS FOR MEDICAL ACULT MALES	TCTÁLS	1	s	:	25			24		<u> </u>
PLAPES PECIPENS CALCET IN CISCRETE LEFTH SAMPLES FROM MED 7  ALPREN UF SPECIPENS CALCET IN CISCRETE CEPTH SAMPLES FROM MED 7  PP POSTLANVAE JUVENILES STRANGEL ACULT ACULT IN CISCRETE CEPTH SAMPLES FROM MED 7  ALPREN UF SPECIPENS CALCET IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CALCET IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CALCET IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CALCET IN CISCRETE CEPTH SAMPLES FROM MED 3  ALPREN UF SPECIPENS CALCET IN CISCRETE CEPTH SAMPLES FROM MED 3  ALPREN UF SPECIPENS CALCET IN CISCRETE CEPTH SAMPLES FROM MED 3  ALPREN UF SPECIPENS CALCET IN CISCRETE CEPTH SAMPLES FROM MED 3  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS UF SPECIPENS CAUGHT IN CISCRETE CEPTH SAMPLES FROM MED 4  ALPREN UF SPECIPENS UF SPECIPENS UF SPECIPENS UF SPECIPENS UF SPECIPENS UF SPECIPENS UF SPECIPENS UF SPECIPENS UF SPECIPE			×							
	NëLL 3'	78								
### PENALES PENALES PALES PALES MALES MALES    Pales	1APFUS	FLLTT		MUMSEM U	F SPECIFFAS					
10		PCSTLAKVAL	JUVAN ILLS						CHOUSINAL ,	TCTALS
10	7	1								1
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	É									
1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11		•							1 1 1
TITALE 379  CIAPHUS POLTI  ALMKER CF SPECIPENS-CALLET IN CISCRETE CEPTH SAMPLES FROM MEC 3  SIZE POSTLANVAE JUVENILES SUBADLII ADLIT UNSTAGEC SUBADULT ADULT UNDESIGNATION TO PLATE TO PALES PAL	33		•					1		ı
DIAPHUS FOLTI ALMREY OF SPECIPENS-CALLET IN DISCRETE CEFTH SAMPLES FROM MEC 3  SIZE POSTLANVAE JUVENILES SLADOLLI ACULT UNSIAGEC SUEACULT ACULT UNDESIGNATION TO THE PROPERTY OF THE PARTY	34 25				1					1
CIAPHUS FOLTI  ALMMER OF SPECIPENS-CAUCHT IN DISCRETE CEPTH SAMPLES FROM MEC 3  SIZE POSTLARVAE JUVENILES SLBADULI ACULT UNSTAGED SUBACULT ACULT UNDUSIGNATION TO SEPTIME SEPT	CTALS	2	1	¢	1		•	1	:	ŧ
CIAPPUS FOLTI  ALMNER CF SPECIPENS-CALCHT IN DISCRETE CEFTH SAMPLES FROM MEC 3  SIZE POSTLANVAE JUVENILES SLBADLLI ACULT UNSTAGED SUBADULT ADULT UNDESIGNATION TO PALES PALES PALES PALES PALES PALES PALES PALES  10										
SIZE POSTLANVAE JUVENILES SLBADLLI ACULT UNSTAGEC SUEACULT ACULT UNDESIGNATION TO PALES PA				A S Month of	· • • • • • • • • • • • • • • • • • • •	A	EF.1177	SAMBLES CO	uca 1	
FEPALES   FEPALES   PALES   PALES   PALES   PALES			JUVEN ILES							TI TALS
12 2 13 2 14 1 15 1 16 1 17 1 18 1 1	**			FEFALES	FEFALES	PALES	PALES	MALES		
14 15 15 17 17 18 18 19 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	11		ė							2 6 3
TOTALS C 16 C C D D 3 3 G  TABLE 380  DIAPPUS FOLTI ALPREF OF SPECIMENS-CAUGHT IN DISCRETE CEPTM SAMPLES FROM MED 4  STATE POSTLARVAE JUVENILES SCHACLT ACLLT LINSTAGEL SURACULT ACLLT UNDESIGNATION I  HM FEMALES FEMALES PALES MALES MALES	13 14									3
TOTALS C 16 C C D D 3 3 G  TABLE 380  TAPHUS FOLTI ALPRES OF SPECIPERS-CAUGHT IN CISCRATE CEPTH SAMPLES FROM MED 4  TAPE POSTLARVAE JUVENILES SUBACULT ACULT UNSTAGEL SUBACULT ACULT UNDESIGNATION IN PEPALES FEPALES PALES MALES MALES	15		1					•		1
TOTALS C 16 C C D D 3 3 G  TABLE 380  TAPHUS FOLTI ALPRES OF SPECIPERS-CAUGHT IN CISCRATE CEPTH SAMPLES FROM MED 4  TAPE POSTLARVAE JUVENILES SUBACULT ACULT UNSTAGEL SUBACULT ACULT UNDESIGNATION IN PEPALES FEPALES PALES MALES MALES	34 35							1		-1
TOTALS C 16 C C D D 3 3 S  TABLE 380  CLAPPUS FOLTI ALPREN OF SPECIPENS-CAUGHT IN CISCRATE GEPTH SAMPLES FHIM MED 4  STAPPUS FOLTI ACULT ACULT LINSTAGEL SUBACULT AGULT UNDESTONATION THE PERALES FERALES PALES MALES MALES  12 1	26 27							1		1
TARLE 300 DIAPPUS FOLTI ALPRER OF SPECIMENS-GAUGHT IN CISCRSTE GEPTH SAMPLES FHIM MED 4 SIZE POSTLARVAE JUVENILES SCHACLLT ACULT LINSTAGEL SULACULT AGULT UNDESIGNATIO, T MM FEMALES FEMALES PALES MALES MALES	29							1		1
DIAPPUS FOLTI ALPRER CF SPECIPERS-GAUGHT IN CISCRSTE GEPTH SAMPLES FHIM MED 4  STRE POSTLARVAE JUVENILES SCHACLLT ACULT LINSTAGEL SUBACULT AGULT UNGESIGNATF, T MM FEMALES FEMALES PALES MALES MALES  12 1	CTALS	c	16	C	C	o	•	3	s	15
DIAPPUS FOLTI ALPRER CF SPECIPERS-GAUGHT IN CISCRSTE GEPTH SAMPLES FHIM MED 4  STRE POSTLARVAE JUVENILES SCHACLLT ACULT LINSTAGEL SUBACULT AGULT UNGESIGNATF, T MM FEMALES FEMALES PALES MALES MALES  12 1										
SIZE POSTLARVAE JUVENILES SCBACLLI ACLLI CASTAGEL SURACULT ACLLI UNDESIGNATFO, I MM FEMALES FEMALES PALES MALES MALES  12										
HM FEMALES FEMALES PALES MALES MALES  12 1			JUVEN II S C							
17	()(	201000FFE		FEFALES		PALES	PALES		UNGESIGNATFI,	IL TALS
14 1	12		1							t 1
FCTALS C & C U U S C C C .	TALS	c	ž	c	L	·	s	c	•	. 7

TABLE 382 DIAPPUS FULTI

AUMBER EF SPECIPERS PER HOUR IN DISCRITE DEPTH SAMPLES FROM MED. I SAMPLES WITHIN 1.50 HOURS OF SUNTISE OF SUNSET EXCLUDED.

į			5	AY			İ	İ		14.10	GHT			
だって HuUi		PUSTEARV	ADVEATER JUVEATER		ADULT	AUMBEN SAPF1	CF NOIV.	TUTAL HOURS		NUMBER PER JUVENILE		ACULT	NUPBE SAMP	
							i i	1.1	0.0 0.0 0.0	0.0 0.0	0.0 0.0 0.0	C. 0 0. 0 0. C	2 1 1	0 0 0
3	• `		۶۰۲	c.c	0.0	3		3.3	0.0 0.0	c.c	٥٠٥	5.7 9.0	3	17 9
2	•*	٠.	•;	0	3.5	2	1	3000	0.0	5.3	2.0	c.0	3	1
2	<b>.</b> C	٠.	. ***	c.c	ა.0	3	)	3.0	0.3	0.7-	c.o	0.0	3	2
2	.0	v.:	2.9	c.c	7.0	2	5	! 						
3	•0	.,,	240	<b>ن. c</b>	J.0	3	יט	3.00	J•0	<b>0.</b> 0	• 0	0.0	3	0
3	•ŏ	c. <i>-</i>	č.c	c.c	0.0	3	σ							

TABLE 383 DIAPHUS HOLTI

## NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITH'IN 1.50 HOURS OF SUMRISE OR SUNSET EXCLUDED

Ì			D	AY				!		NI	GHT			
DEPTH M	TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBER SAMP1		TOTAL		NUMBER PER JUVENILE		ADULT	NUMBER	
SURF 25 50	1	0.0	0.0	0.0	0.0-	2	0	1 11.9	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	24 3 1	0 0 0
75   100   125	5.0	1.0	0.0	0.0	0.0	2	5	1.0	0.0	0.0	0.0	2.0	1	2
150	1.0	0.0	0.0	0.0	0.0	1	ا ه	3.0	0.0	0.0	0.0	0.0	3	0
175   200   225   250	2.0	0.0	0.0	0.0	0.0	2	0 -	3.0	0.0	0.0	9.0	0.0	3	0
275   300   325   350	2.0	0.0	0.0	0.0	0.0	2	0							
375 = 400   425   450   475 = 500	-   3.0 	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
525 550 575 600 625 650	 	•	×			*		1.0	0.0	0.0	0.0	0.0	1	0
700 - 725 750= 775= *00- 825 850-	2.0	0.0	0.0	0.0	0.0	1	o	3.0	0.0	0.0	0.0	-0.0	3	0
975 950 950 975 1000	 	0.7	C• 0	0.0	n•0	1	0	3.0	0.0	0.0	-0•0	-0.0	3	0

TABLE 384 DIAPHUS HOLTI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

			D	AY			NIGHT							
DEPTH=	TOTAL HOURS	POSTL ARVA	NUMBER PER JUVENILE		ADULT-	NUMBER SAMPIN		TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBER SAMP1	
SURF								29.0	0.0	0.0	0.0	-0.0	58	0
25-   50-	2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.0	0.0	1	0
75 -   100 -		0.0	0.0	0.0	0.0	6	0 1	1 1.0	0.0	2.0	0.0	1.0	1	3
125   150	]   2.0	0.0	0.0	0.0	0.0	2	0 1	3.0	0.0	0.0	0.0	-0.7	3	2
175	j					_	i	1					=	ı
200- I 225		0.0	0.0	0.0-	0.0	6	١٥	1 2.0	0.0	2.0	0.0	0.0	2	4
250   275							İ	ļ						ĺ
300 (	2.0	0.0	0.0	0.0	0.0	2	٥į	3.0	0.0	0.0	0.0	0.0	, 3	οį
325 ( 350 (							ļ	1						- 1
375   400	3.0	0.0	0.0	0.0	0.0	3	١٥	3.1	0.0	0.0	0.0	0.0	3	0 1
425		• • • • • • • • • • • • • • • • • • • •	***	***	•••	•	Ĭ	"	•••	•••	•••	•••	•	, i
450   475							ł	1						ł
500   525	3.0	0.0	0.0	0.0	0.0	3	١٥	3.0	0.0	0.0	0.0	0.0	3	0
550 [							į	į						į
575   600	3.0	0.0	2.7	0.0	0.0	3	•	3.0	0.0	0.3	0.0	0.0	3	1
625 E	! !						ŀ	1						1
675							į	į						į
700   725							i	1						;
750 1 775 1	2.0	0.0	0.0	0.0	0.0	2	١٥	3.0	0.0	0.0	0.0	0.0	. 3	0
600	į						į	į						j
825   850	}						i	i						]
875   900							ļ	1			: ,			į
925							į	İ			. ,	15	es :	į
950 975								-				~ <b>~</b>	•	- 1
1000	3.0	0.0	9.0	0.0	0.0	2	<u>ا ي</u>	1						ĺ

TABLE 385

DIAPHUS HOLTI

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

į	   	***************************************	D	AY			NIGHT						
	TUTAL HUURS	PUSTLARV4	NUMBER PER JUVENILE	HOUR SUBADULT	AUULT	NUMBER OF SAMPINDIV		TUTAL		NUMBER PER JUVENILE		ADULT	NUMBER CF SAMPINDIV.
SURF	1					~~~~~~~~	-					,	
25   50	ı						ł	1					
75   100							-	1					
125   150							į	·					•
175	ĺ						į	į					į
201   225	1						l	ì					
250 I							1	!					1
30u 325	Į.						į	į					İ
350	١,						į	į					i
375 406	ĺ						-	-					i
425   450							-	-1					i
475 500	1	<b>ن.ن</b>	1.0	0.0	0.0	1 1	į	į					
525	1	•	•••	•••	3.17	•	i	į					į
575	İ						ļ	1					j
500 525	1						I.	1					
6515 675							1	1					
700 725	1 1.0	د.،	0.0	0.0	0.0	1 0	į	į					į
750	I						- -	.					
77> 800							- - -	: I 					
825 850							1-	1					j
875   900	I						į	į					į
925	İ						1	i					
950 975	1						- j.	. ]- . ]					ļ
1000	i 						ļ	1					i

TABLE 386 DIAPHUS HOLTI-

NUMBER OF SPECIMENS PER HOUR IN-DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

			D	AY			NIGHT							
DEPTH M	TOTAL- HOURS	POSTLARVA	NUMBER - PER JUVENTLE		ADULT	NUMBER SAMP	R OF	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER	
SURF							!	7.8	0.0	0.0	0.0	0.0	-15	0
25   50							- 1	1.0	0.0	0.0	0.0	0.0	1	0
75   100							1	1.0	0.0	1.0	0.0	0.0	1	1
125							į	1					_	
150   175	1.0	0.0	1.0	0.0	0.0	1	1	1 1.0	0.0	0.0 9.0	0.0 0.0	0.0	-1 1	9
200   225							į	ļ						1
250	1.0	0,0	0.0	0.0	0.0	1	o į	1.0	-0.0	0.0	0.0	0.0	1	0
275   300							i	1						
325 350	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	-1	0
375		0.0	0.0	0.0	0.0	•	ı i	į						
400   425	1.0	0.0	0.0	0.0	0.0	1	o l	1.0	0.0	1.0	0.0	0.0	1	1
450   475	i						!	1						1
500	1.0	0.0	0.0	0.0	0.0	1	0 -	1						
525   550							i	1 1.0	0.0	0.0	0.0	0.0	1	0
575 600							!	ŀ						
625							į	į						
650 1 675 1	2.0	0.0	1.0	0.0	0.0	2	2 -	1						,
700 I							ŀ	1						1
750							į	į						
775   800							i	1						
825 850							1	1			•	4	1014	1
875							į	į					157	i
900   925							l	ì						
950 975							ļ	1						
1000							i	j						

TABLE 387										
DIAPHUS HOLTI						HOUR IN DI S OF SUNRI				1ED 1
SIZE		DEPT	HS SAPPLE	D (P)						
мн	150	235	375	500	700	940				
12 13 40				1.5						
ÁC./HOUR	C.0	0.5 C.5	0.0							
NO. HOURS	3.0	2.0	0.C 3.0	2.5 2.0	0.0 3.0	0.0 3.0				
NO. SPEC.	0	1	C	5	0	0				
ND. SAMPLES	3	2	3	2	3	3				
TABLE 388 Dl'APHUS HOLTI DAY						R HOUR IN URS OF SUN				1 NED 2
SIZE MM	cuer.		PTHS SAMP		200	400	***	1000		
	SURF	100	150	200	300-	400	800	1000		
10 11		0.5								
NO./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0		
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0=		
NO. SPEC.	0	-2	0	0	0 -	0	0	0		
-NO. SAMPLES	2	2	1	2		3	1	1		
TABLE 389										
DIAPHUS HOLTI Day						R HOUR IN URS OF SUN				i MED 3
SIZE		-DE	PTHS SAMP	LED (M)						
= <b>MM</b>	50	100	150	200	300	400	-500	400	750	1000
10 11 12								0.7 1.7 0.3		
-NO./HOUR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0
NO. HOURS	2.0	6.0	2.0	6.0	2.0.	3.0	3.0	3.0	2.0	3.0
-NO. SPEC.	0	0	0	0	0	0	0	•	0	0
NO. SAMPLES	2	•	2	•	2.	3	3	3	2	2
TABLE 390										
DIAPHUS HOLTI DAY			NUMB	ER OF SPEC LES-WITHI	CIMENS PEI N 1.50 HO	R HOUR IN JRS OF SUN	DISCRETE RISE OR S	DEPTH SAM UNSET EXC	PLES FROM LUDED	, MED-4
SIZE		-DE	PTHS SAMP	LED- (M)						
ММ	500	700								
14	1.0									

0,0

1.0

NO./HOUR

NG. SAMPLES

TABLE 391									
DIAPHUS HOLTI DAY			NUMBE	ER OF SPEC LES WITHIN	CIMENS PER N 1.50 HOL	HOUR IN	DISCRETE NRISE OR	DEPTH SAMPL SUNSET EXCLU	ES FFGM MED 5
SIZE		DEF	THS SAMP	LED (M)					
	160	250	340	410	495	675			
13 14 15 16			•			0.5			
17	1.0								
NG./HOUR	1.0	0.0	0.0	0.0	0.0	1.0			
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0			
NO. SPEC.	1	0	0	0	0	2			
NO. SAMPLES	1	1	1	1	1	2			
TABLE 392									
CIAPHUS HOLTI NIGHT								DEPTH SAMPLE UNSET EXCLUS	S FROM MED 1 DED
S 1 Z E		DEPT	THS SAPPLE	D (F)					
MM	25	40	70	150	190	235	400	700	
-12							0.3		
-13 				0.3		0.3	-0.3		
31 32									
33				1.0					
34 35				2.0	3.0				
36 37				0.7 G.7	4.0- 1.0				
38				0.7	1.0				
.39 40				0.3					
NC./HOUR	C.0	0.0	0. C	5.7	9.0-	0.3	0.7	0.0	
NO. HOURS	1.1	1.0	1.0	3.0	1.0-	3.0	3.0	3.0	
NC. SPEC.	0	c	c	17	9	1	2	0	
NG. SAMPLES	2	1	1	3	1	3	3	3	
-TABLE 393									
DIAPHUS HOLT! NIGHT	ı		MUM Sam	BER OF SP PLES WITH	ECIMENS-P	ER HOUR 1 OURS OF S	N DISCRET	E DEPTH SAM L-SUNSET-EXC	PLES FROM P2D : LUDED
SIZE		0	EPTHS SAM	PLED (M)					

100

1.0

NO./HOUR

NO. HOURS NO. SPEC. NO. SAMPLES

24

0.0

3.0

2.1

1000

0.0

3.0

600

0.0

3.0

0.0

1.0

43

3.5

TABLE 394

DIAPHUS HOLTI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (M)		•				
MM	SURF	50	100	150	200	300	400	500	600	750
10									0.3	
11					0.5					
12			1.0		0.5					
13			1.0		0.5					
10 11 12 13 14 15 33 34 36 36 37 38 39					0.5					
<b>55</b>				0.3						
34 · 35										
36				0.3	•					
37					•					
38		•								
39	* •		1.0							
NO./HOUR	0.0	0.0	3.0	0.7	2,0	0.0	0.0	0.0	0.3	9∙0
NO. HOURS,	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	0	3	2	4	0	0	0	1	0
NU. SPEC.	U	U	•	•	•	v	v	U	•	U
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 395

DIAPHUS HOLTI NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (M)					
nn .	SURF	50	80-	135	155	250	325	425	510
11 12 13 14			1.0:		2.0 3.0 3.0			1.0	
15					1.0				
NO-/HOUR	0.0	0.0	1.0	0.0	9.0	0.0	0.0	-1.0	0.0
NO. HOURS	7.8	1.0	1.0-	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	0	1	0	9	0	0	1	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

..l.

TAELE 396 NUMBER OF SPECIMENS CAUCHT IN DISCRETE DEPTH SAMPLES FROM WED 1 LAPPANYCTUS CRECCUILUS UNCESTIGNATED TETALS SUFACUL1 PALES #CLLI SUBADUL 1 FEMALES ACLLT FEPALES UNSTAGED MALES POSTLARVAE JUVENILES į 3 1

161

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80

TCTALS

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C

1

£6

PPAI	YCTUS CRUCGE	ILUS	ALMO =	CE Specimen	( Marie				
i Z t	PCSTLARVALE	JUVEN ILES	SUBABLIT	ACLLT	UNSTAGEL	SCHETE CEFTE			
·	1		FFVALES	FEFALES	MALES	SAFFCOFL AFFR	#EULT MALES	UNDESIONATES	TETAL
7	•								1
š; 1	4 5				*				۷.
1	, š 1								5 5
7		1							l I
5 1 2 2 4 4 4 7 7		1 2							1
1 2		3 2 1			*				2
2 4		1C 7.						•	1;
<u> </u>		; ;							3 3
É		3							;
É 5 1		1 1							3 1
2									1
:									
		1							1
;		1							1
] :		1							1
		1							1
		1							1
		1							
									1
		•							
		1							1
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		2 1							2 1
		1							
			1						1
			1						1
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			•						
			1-					,	1
			1						1
LS	17	••	1						1
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r. 162

TARLE	398								
LAPPAN	יאכזטט בייטניים	ILCS	ALYAL: (	CF SPECIFENS	CAUIST IN CI	SCHETE CEPTH	SAMPLES F	RUM MED 2	
5121 ##	PLSTLARVAE	JUVINILIS	SUBABLLT FLMALES	#GLLT Frales	UNSTAGEL PALÉS	SUPACULT PALES	ACUL I PALES	Unide a 10 (4 Teb	161465
Ĝ	1		`						?
1c									
11 12									
12		1							ì
15		ž							, ;
17									
16 15		1							1
žl		ı							1
22		1							i
24 25									•
Žŧ		;							1 4
27 23		4							2
35		:							3
31	•	1 7							1
27 23 14 25 36 27		i							2 1
25									
36 27		1							1
20		1							
39 40 41		•							1
42									
44		1 1							1 1
45 46		1							1
46 47									1
75						1			i
d 1						-			1
124 125 126 127			1						•
126						1			1
128			1			1			I 1
125									

T A ELE	399 CTUS CROC /C	ILĻS	hlfef= C	F SPECIFERS	CAUCHT IN E	ISCFETE CEFTH	SAMPLES FI	RUM MEG 4	
\$12E	FCSTLARVAE	JUVEN ILE S	SLUADLL1 FEFALES	ACULT FF PALES	bhal/Cul pflea	SUPPEULT MALES	*CLL1	UNGESTONATED	1CTALS
20		1						,	1
TCTALS	c	1	c	C	*	•	r		1

TAPLE .	400							R Frest	
LAPPANI	YCTUS CHOCOC	ILUS	.UP8ER	CF SPECIPENS	CAUGHT IN CI	SCHETE DEPTH	SAMPLES F	ROM MED 5	
S I S E	PÇSTLARVAE	JUVEN ILE S	SUBADULT FEMALES	ADLLT FEFALES	UNSTAGEC PALES	SUBALULT MALES	ACULT MALES	UNDESTGNATED	TETALS
18 19 20		1 1 2							1 1 2
20 21 22 23 24 25 26 27		1							1
25 26 27 28 29 30 31		,							1
3í		1							1
FCTALS	c	8	c	ſ	Ü	c	č	દ	:

TABLE 401 LAMPANYCTUS CRUCUDILUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	i !		0	AY				NIGHT								
h	TOTAL -HOURS		AUMAER PER JUVENILE		ADULT	NUMBEI		TOTAL HOURS	POSTL ARVA	NUMBER PER JUVENILE	HOUK Subadult	ADULT	NUMBER Samp1			
SURF 25 55 75	1 						       	1.1	C.0 0.0 0.0	C. C U. O 4. U	0.0 0.0 0.0	0.0 0.0 0.c	2 1 1	0		
100 125 15 175	]   3.	<b>(.</b> ;	V• 6	<b>c.</b> c	0.0	3	J I	3.0	1.0	c.o	0.0	0.0	3	3		
225 251 275	[ ] 2.0	***	0	د. ه	6.0	2	٥	3.0	0.0	0.0	c.o	0.0	3	0		
30: 325 352 375 40; 425	! ! ! 3., !	₹.0	ů. c	c.c	c.0	3	U I	3.0	0.0	0.3	0.0	C+0	3	1		
456 475 503 525 55.	2.0	2.0	u.r	c.c	2.5	2	ני									
60 625 675 700 725 750 775 800 825	 	<b>3.</b> c	21.8	C•3	0.0	3	67	3.0	0.0	2.0	0.3	0.0	3	7		
850 875 900 925 950 975	]-  -   3,	C• ;	÷. 7	č.C	0.0	3	.2									

TABLE 402 LAMPANYCTUS CROCODILUS

- 3

NUMBER OF SPECIMENS PER HOUR IN DISCRETS DEPTH SAMPLES FROM MED 2 SAMPLES WITHIR 1.50 HOURS OF SUNRISE OR SUMSET EXCLUDED

i	• }		0	 Ay			<del>-</del>	!		NI.	GHT-			
OEPTH	TOTAL HOURS	POSTL ARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER		TOTAL	POSTL ARVA	NUMBER PER JUVENILE	HOUR Subadult	ADULT	NUMBER SAMP	
SURF   25 50		0.0	0.0	0.0	0.0	2	0	11.9	0.0 0.0 5.5	0.0 0.0 8.0	0.0 0.0 0.0	0.0 0.0 0.0	24 3 1	2
75 100	1 2.0	0.0	1.0	0.0	0.0	2	2	1.0	6.0	3.0	0.0	0.0	1	
125- 150	1.0	0.0	0.0	0.0	0.0	ı	١٠	3.0	0.3	0.3	0.0	0.0	3	
175 - 200 225 250=	1 2.0	0.0	0.0	0.0	0.0	2	٥	3.0	0.0	0.0	0.0	0.0	3	(
275 300 325 350	2.0	0.0	0.0	0.0	0.0	2	0							
375 400 425 450 475 500	3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	
525 550 575 600 625 650 675 700	 							1.0	c.o	0.0	0.0	0.0	1	
725 750 775 800 825 850	2.0	0.0	10.5	0.0	0.0	1	21	3.0	0.0	2.6	0.3	0.0	3	
875 900 925 950											i ,	16	3	
975	ı	0.0	<b>1.</b> 0	1.0	0.0	1	2		0.0	0.3	1.0	0.0	3	

TABLE 403 LAMPANYCTUS CRUCOUILUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	!		D	AY			!	NIGHT								
OEPTH N	TOTAL HJURS		NUMBER PEK JUVEN ILE		ADULT	NUMBEI		TOTAL		NUMBER PER JUVENILE		ADULT	NUPBEF SAMP1			
SURF								29.0	0.0	0.0	0.0	0.0	58	0		
25 50	2.0	0.0	0.0	0.0	0.0	2	١٥	1.1	0.0	0.9	0.0	0.0	1	1		
75 100	1 6.0	0.0	0.2	0.0	0.0	6	1	1.0	0.0	1.0	0.0	0.0	1	1		
125 150	1 2.0	0.0	0.5	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	0		
175 201 275 250	6.0	0.0	0.5	0.0	0.0	6	3	2.0	0.0	0.0	0.0	0.0	2	Q		
275 300 325 350	2.9	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0		
375 400 425 450	3.0	0.0	0.0	0.0	0.0	3	0	3.1	0.0	0.3	0.3	0.0	3	2		
475 500 525	3.0	0.0		0.0	0.0	3	0	3.0	0.0	0.0	0.0	0.0	3	0		
550 575 600 675	3.0	0.)		0.0	0.0	3	٥	3.0	0.0	0.7	0.0	0.0	3	2		
650 675 700 725 750 775 800 825	2.0	0.0	5.5	0.5	0.0	2	12    -  -	3.0	0.0	o <b>.6</b>	0.4	0.0	3	4		
850 875 900 925 950 975 1000	 	0.0	0.5	0.7	0.0	2	3							-		

TABLE 404

LAMPANYCTUS CROCODILUS
DAY

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES MITHIN 1.50 HOURS OF SUMRISE OR SUMSET EXCLUDED

SIZE MM		DEP	THS SAMPL	ED (P)		
85	150	235	375	500	700	940
13: 14 15 16					9.3	
17 18: 19: 20 21: 22: 23: 24: 25: 26: 27:					0.3 0.7 4.3 4.0 4.3 5.0 1.7 0.3	
29 62 63 64 65 66 67 68 69 70					0.3	0.3
72 133					0.3	0.3
NO./HOUR	c.0	c.c	C.C	0.0	22.1	0.7
NO. HOURS	3.0	2.0	3.C	2.0	3.0	3.0
NCSPEC.	0	c	c	o	67	2
NG. SAMPLES	3	2	3	2	3	3

1.65

TABLE 405

MO. SAMPLES

\* \*

LAMPANYCTUS CROCOMILUS

"DAY ""

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2
SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE MM		DEP	THS SAMPL	ED (H)				
AN .	SURF	100	150	200	300	400	800	1000
19 20 21							0.5	
21 22 23 24 25 26							2.0 2.5 2.0	
25 26 27 28		1.0					0.5	
29 30 31 32							0.5	
33 34 35	•							
36 37 38							0.5	1-0
62 63						•		1.0
#Q./HOUR	0.0	1.0	0.0	0.0	0.0	0.0	10.5	2.0
NO. HOURS	2.0	2.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	2	-0	0	-0	0	21-	2
NO. SAMPLES	2	2	1	2	2	3	-1	1

TABLE 406

LAMPANYCTUS CROCODILUS NUMBER OF SPECIMENS-PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3SAMPLES METHIN 1.50 HOURS OF SUMMISE OR SUMMET EXCLUDED

SIZE		DEP	THS SAMPL	ED (M)						
nn .	50	100	150	200	300	400	500-	600	750	1000
14 15 16		0.2	0.5	U.2						
17 18				0.2						
19 20 21				0.2						
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32									0.5 1.5 0.5 1.0	
28 29 30									0.5	
32 33									0.5	
34 35 36 37										
36 37 38 39 40 41 42 48 48 48 124 125 126 127										0.2
# #						,			0.5	0.2
124 125 126						•			0.5	
127 120										0.2
MO-/ HOW	0.0	0.2	0.5	0.5		0.4	•.•	9.0	4.Q	0.7
M. HOURS	2.0	•.•	2.0	4.0	2.0	3.0	3.5	3.0	2.0	3.0
NO. SPEC.	0	1	1	3	0	0	0	G	12	3

1.66

LAMPANYCTUS NIGHT	CROCODILUS	NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES.FROM MED 1 SAMPLES MITHIN 1-50 HOURS OF SUNRISE OR SUMSET EXCLUDED	

1.0  10  11  12  13  14  15  10  20  21  22  23  24  24  25  25  25  25  26  27  28  20  1.0  20  21  22  23  24  25  25  26  27  28  20  31  31  40  40  41  42  43  44  45  46  46  46  46  46  47  48  48  48  48  48  48  48  48  48	,	SIZE MM		DEPT	HS SAMPLE	D (M)					
9 10 11 12 12 13 14 15 16 16 16 17 17 18 19 10 0.3 18 19 19 10 0.3 19 19 19 19 19 19 19 19 19 19 19 19 19		им	25	40	70	150	190	235	400	700	
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		6				1.0					
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		10									×
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		11 -12									
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		13 14								0-3	
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		15 16								003	
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		17 18								0.3	
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		19 20								0.3	
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		21 22			1.0						
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		23 24			1.0						
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		25 24			1.0				0.3	0.3	
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7	<b>.</b>	27	٠		1.0						
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		51							•	0.3	
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		52 53									
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		54 55									
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		54 57									
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		59 59									
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		60 41								0.3	)s
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7	, , )	62 63									•
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7	•	64									ţ
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		66 47									
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		48									
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		70 71									
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		72 73									
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		74								0.3	
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		14									
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7		. <b>#</b>								0.3	
NO. HOURS 1.1 1.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 NO. SPEC. 0 0 4 3 0 0 1 7			0.0	0.0	A-0	1.0	0.0				;
NG. SPEC. 0 0 4 3 0 0 1 7											
Like Like Like Like Like Like Like Like											
	Like	NO. SAMPLES	2	1	1	3	1	3	3	3	

W.D

SIZE		0E	PTHS SAMP	LED (M)		×	*			
MM	SURF	12	45	100	150	200	400	600	800	1000
9 10: 11 12			1.0 3.0 1.0 0.5	*	0.3					
20 21 22 23		,	0.5 0.5 1.0		*				0.3	
24 25 26			1.0	1.0	0.3					
20 20		•	0.5	1.0						
<u> </u>			0.5							
**	•			1.0						
11 12 20 21 22 23 24 25 26 27 28 29 36 44 45 44 49 50 51 52 73 53 54							٠		0.3	
52 53 54 58									0.3	
*		-					-		0.3	
64 65 66									0.3	
67 68									0.3	
63 64 65 66 67 68 69 70 71 72 73									0.3	0.3
<u>"</u>									0.3	
101 302 103 104 105 106 107							•			0.3
108 124 128										0.3
175 175 174 177 178	- 4			. *	* ••		* ****		** * **	_0.3
									0.3	
NO. HOUR	0.0	0.0	10.5	3.0	0.7	0.0	0.0	0.0	2.9	1.3
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
	0	0	21	3	2	0	0	0	•	4
NO. SAMPLES	24	3	<b>à</b>	1	3	3	2	1	3	3

TABLE 409

LAMPANYCTUS CROCODILUS

NIGHT

\* >

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES MITHIN 1.90 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE			DEPT	MS-SAMPLE	D (M)						
MM		SURF	50	100	150	200	300	400	500	600	750
; 26				1.0							
28			0.9							0.3	0.3
29 30											3,73
31	•										
33	•							0.3			
35											
26 27 28 29 30 31 32 33 34 35 36 37 38 39										0.3	
38		•									
40											
42											
41 42 43 • 44		*									0.3
	Aprend	•						•			4.5
79		r						0.3			
36833	•*										9.4
			*								0.3
110./	HOUR	•••	0.7	1.0	0.0	0.0	0.0	0.6	0.0	0.7	1.3
NO.	-HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NO.	SPEC.	0	1	1	0	0	0	2	0	2	4
NO.	SAMPLES	50	1	1	3	2	3	3	3	3	3

TAELE	410
-------	-----

LAPPAN	CTUS PUSILL	us	ALMBER OF SPECIMENS CAUGHT IN CISCHETE CEPTH SAMPLES FROM MED 1						
SIZE	PESTLARVAE	JUVENILES	SLBADLLT FE#ALES	ACULT FEPALES	UNSTACED MALES	SUBACULT MALES	ACUL I Males	UNDESTIGNATED	TETALS
15		3							3
16		4							4
17		Ž	1						3
13		3	1						4
15		1	2						:
20		1							1
21									
22			1			1			Z
23			2			5			4
24			1			1			2
25						1			1
26									
27						5			ç
28						9			5
29			2			4			7
30			7			4			11
31			1			5			
32			1	1		4			ŧ
33			2	10			7		11
34			4	14			5		23
35			1	21			7		25
19 19 21 22 24 25 27 28 29 30 31 32 35 36 38			5	2 €			12		45
37				15					15
38				10			1		11
39			1	3					4
TCTALS	С	14	33	106	0	36	32	G	<b>~~1</b>

LAMPAN	YCTUS FUSTLE	***						*	
		03	NUPBER	CE SPECIPENS	CAUGHT, IN CI	SCRETE CEPTH	SAMPLES F	ROM MED 2	
\$ 1 Z E	PCSTLARVAE	JUVENILES	SURACULT FEMALES	ACULT FEMALES	LNSTAGEC Males	SUBACULT MALES	ACULT MALES	UNCF51GNA LEU	TOTALS
7	ž		•						2
8 9									•
1C									
11									
13		1							
14		į							1
15 16		1							, į
17		ě.				_			ž
18		1	2			ı			l 2
19 27 21 22 23									3
έı		1	,			1			2
22		1	•			1			1
23 24.						•			-
25 %			1						1
žŧ			ī			1			2
27 28						1			i
			1			1			Ž
31			•			i			2
31			1			ì			į
32						5			4
34							3		2
25° 21° 22° 22° 22° 22° 22° 22° 22° 22° 22		*		1			į		4
37				2			1		ą.
28				ĩ			•		3
35				ı					i
TCTALS	ž	- 11	10	,	•			_	

TARLE 4	<b>612</b>								
LAPPANY	CTUS PUSILLI	us	NUMBER (	F SPECIPENS	CAUGHT IN CI	SCRETE LCPTH	SAMPLES F	KOM MEG 3	
SIZE	PCSTLARVAE	JUVEN ILE S	SCOAGLLT FEMALES	AULLT FFPALES	UNSTAGEC PALES	SUBACULT PALES	ACULT MALES	UNCESIGNATED	TETALS
15 16 17 18 15 20 21 22 23 24 25 26 27		12 5 12 6 5 7	1						2 12 13 6 6 7
25 26 27 28 25 30 31 32 33 34 25 36			1 2 * 1	1 1 2		1 1 4 1 1 2	3 3 1 2		1 1 2 5 1 1 2 4 3 1 1 4
TCTALS	c	51	é	5	0	10	9	٥	eı

TARLE	413							•	
LAMPANI	YCTUS PUSILL	υS	NUPBER (	CF SPECIPLNS	CAUCHT IN CI	SCRETE CEPTH	SAMPLES F	ROM MED 4	
2115 2115	PCSTLARVAE	JUVENILES	SCHADLLT FEMALES	ACLLT FLMALES	UNSTACEC PALES	SUBACULT PALES	ACULT MALES	UNCESTONATED	TETALS
16 17 18 19 20 21		1 2 4 1 2							1 2 4 1 1
18 19 20 21 22 24 25 26 27 28 28		,	3 2 1			2 1 2 1			2 4 4 4 1 2 1
2C ,21 TCTALS	c	14	1	c		1	c	c	1

LAMPAN	YCTUS PUSILL	US	ALPBER (	F SPECIPERS	CAUGHT IN LI	ISCAFLE GEBLH	SAMPLES F	ROM MED 5	
44 2115	PCSTLARVAE	JUVENILES	SLUADULT FEMALES	ACULT FEPALES	UNSTAGED PALES	SUBACULT PALES	ACULT MALES	UNDESIGNATED	TCTALS
16		1							
17		ź							•
18		5				•			š
19		•							5
20		<u> </u>							2
22		1							1
23			•					1	1
10 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37			•			•			1
25			1			•			
26			_						•
27			1						, ,
28			1						ī
29									_
30									
32						1			1
33			,	,		3			3
34			•	•					2
35				1					,
35				ī					;
37				•					•
38			1						1
39				1					1
TCTALS	c	16	ė	4	٥	5	С	1	32

TABLE 415 LAMPANYCTUS PUSILLUS

**\*** 

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED. I SAMPLES WITHIN 1.50 HOURS OF SUNRISE  $\Omega$  SUNSET EXCLUDED

ļ			0	AY .			!	1		NI	GHT			
	TUTAL HJURS	PUSTLARVA	NUMBER PER JUNE TILE	HOUR SUBADULT	ADULT	NUMBER	R OF	TOTAL HJUKS	PUSTL AKYA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP	
KF   25   25   26   75								1.1	4.0 0.0 6.0	0.0 0.0 4.6	0.0 0.0 14.0	C. C O. O 2O. O	2 1 1	38
25   5.,   75	3	c.,	3.6	6.6	3.0	3	٥	3.0	0.0	c.o	ŏ.c	1.7	3	:
0.   25   57   75   100	2	**,	C	J.c	9.0	2	2	3.6	0.0	0.0	0.0	0.0	3	(
25    50    75    00    25	3 <sub>*</sub> (	<b>**</b> *	٠.٠	c. c	<b>3.</b> 0	3	,	3.;	0.0	0.0	\$.0	0.0	3	
51   75   00   25   50	2.··		<b>c.</b> 5	<b>c.</b> c	a•0	5	1   1     	 						
(i) 25 50 75 00 25	3.0	t.s	1.0	5.6	12.5	3	58 I	3,0	<b>c.</b> 0	0.0	0.0	0.0	3	
175 100 1325 1350 1375 100 125 125 100	3.0	Ĉ. c	6.6	1.0	2.3	3-	10 I							

TABLE 416

LAMPANYCTUS PUSILLUS

NUMBER OF PECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

		0	AY			!			NI	SHT			
TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE		ADULT	AUMBEI SAMP		TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUPBE SAMP	
2.0	0.0	0.0	0.0	0.0	5	0-	11.9	0.0 0.0 1.0	0.0 0.0 3.0	0.0 0.0 8.0	0.0 0.0 1.0	24 3 1	56 0
2.0	0.0	0.0	0.0	0.0	2	o į	1,0	0.0	0.0	1.0	5.0	1	6
1.0	0.0	0.0	0.0	0.0	1	٥	3.0	0.0	0.3	1.0	0.0	3	4
5.0	0.0	0.0	0.0	0.0	5	٥	3.0	0.0	0.0	0.0	0.0	3	0
2.0	0.0	0.0	0.0	0.0	5	٥							
3.0	0.0	0.0	0.0	0.0	3	0	2.1	0.0	0.0	0.0	0.0	2	0
							1.0	0.0	0.0	0.0	1.0	1	t
2.0	0.0	0.0	0.0	2.0	ı	4	3.0	0.0	0.3	0.0	0.0	3	1
1.0	0.0	0.0	0.0	0.0	1		3.0	0.0	0.0	ი.0	0.0	177	ζ.

TABLE 417 LAMPANYCTUS PUSILLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUMRISE OR SUMSCT EXCLUDED

_ 1	 		0	AY						MI	GHT			
EPTH H	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE		ADULT	NUMBER		TOTAL		NUMBER PER JUYENILE		ADULT	NUMBER SAMP1	
SURF								29.0	0.0	0.0	0.0	0.0	58	0
25 50-	1 2.0	0.0	0.0	0.0	0.0	2	0	1.1	0.0	0.0	0.9	0.0	ì	1
75 100		0.0	0.0	0.0	0.0	6	١٥	1 1.0	0.0	0.0	4,0	1.0	1	5
125	2.0	0.0	0.0	0.0	0.0	2	0 1	3.0	0.0	0.0	0.0	0.0	3	٥
175	İ						i	i i						
200 225	l	0.0	0.0	0.0	0.0	•	0	1 2.0	0.0	0.0	0.0	0.0	-2	0
250 275							1	1						
300 325	1 2.0	0.0	0.0	0.0	0.0	2	٥į	3.0	0.0	0.0	0.0	0.0	3	0
350	l			•			j	İ						
375 400		0.0	0.0	0.0	0.0	3	١٥	3.1	0.0	0.0	0.0	0.0	3	0
425							į	1						
475	Ì			0.0		3	į	1 3.0				• •		•
500 . 525	i	0.0	0.0	0.0	0.0	,	0	1 3.0	0.0	0.0	0.0	0.0	3	0
550 575							- 1	i i						
600	3.0	0.0	16.5	0.7	0.0	3	52	3.0	0.0	0.0	0.0	0.0	3	0
650	i						j	į						
675 700	İ						1	i						
725 750		0.0	0.0	0.5	0.5	2	2 1	1 3.0	0.0	0.0	0.0	0.0	3	¢
775 800	i	***		• • • • • • • • • • • • • • • • • • • •	***	-	- i			•••	***	***	•	•
825	i													
850 875							ł	l l						
900 925							į	Ì						
950	ĺ						į	į						
975   1000		C.0	0.0	0.0	0.2	2	1	1						

TABLE 418

LAMPANYCTUS PUSTLLUS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

ŀ			D	AY						NI	GHT		
EPTH	TOTAL HOURS	POSTL AR VA	NUMBER PER JUVENILE	HOUR Subadult	ADULT	NUMBER OF SAMPINDI	٧.	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER OF SAMP,-INDIV.
SURF I							-			********			~~~~~~~~~
75 I							ĺ	į					
-100   125							Ì	Ì					
-150 I							- 1	ļ					
225 1							į	į					i
250 I 275 I							į	į					
300   325							ij	Ì					1
350   375							i	į					1
400 I							ŀ	!					!
450   475							-	ĺ					i
500 1 525 1	1.0	0.0	1.0	0.0	U.0	1	ı	į					1
550   575							- [	•					
600 i							i	}					ì
450 I		•					i	į					İ
700 I	1.0	0.0	3.0	10.0	0.0	1 1	3	}					į
750 I 775 I							1	•					i s
800 I													İ
850 I							1	<u>.</u>			,	./3 F™	10
900 1												1.7	ا الله
950													į
000								ļ					į

NO. HOURS

NO. SPEC.

NO. SAMPLES

2.0

0

0

3.0

0

4.3

i			0	AY				.		N1	GHT			
DEPTH	TOTAL HOURS	POSTLARVA	MUMBER PER JUVENILE	HOUR SUBADULT .	ADULT	NUMBER SAMP1	OF	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP1	MDIV.
SURF 1								7.8	0.0	0.0	0.0	0.0	15	Ó
50 I							į	1.0	0.0	0.0	1.0	0.0	1	1
100 I								1.0	0.0	8.0	4.0	2.0	1	16
150   175   200	1.0	0.0	0.0	1.0	0.0	1	1	1.0	0.0	0.0	1.0	0.0 0.0	1	0
225   250   275   300	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	۰
325   350   375	1.0 L	0.0	0.0	0.0	0.0	1	0	1.0	0.0	1.0	0.0	0.0	1	1
400   425   450   475	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	٥
500   525   550   575   400   625	1.0	0.0	0.0	0.0	0.0	1	0	1.0	0.0	0.0	0.0	0.0	1	0-
450   675   700   725   750   775   800   825   850   875   900   925	2.0	0.0	2.0	0.0	0.0	2	4							
950   975   1000														

TABLE 420							
ŁAMPANYCTUS Day	PUSILLUS		NUMBE Sampl	R OF SPEC	CIMENS PER V 1.50 HOU	HCUR IN DISCRETE DEPTH SAMPLES FROM RS CF-SUNRISE OR SUNSET EXCLUDED	MED 1
SIZE MM		DEP	THS SAPPL	ED (P)			
40	150	235	375	500	700	940	
15					1.0		
16 17				0.5			
18 19					0.3		
20							
21					0.3		
23 24					0.3		
20 21 22 23 24 25 26 27 28							
27					0.3		
28 29					1.0 0.3	0.3	
29 30 31 32					0.7 1.0		
32 33					1.0		
34					1.7 3.0	0.3	
35 36					2.0 3.6	1.3 1.0	
37 38					2 • 3 0 • 3	0.3	
NO./HOUR	0.0	0.0	0.0	0.5	19-2	3.3	

2.0

ì

3-0

58

3.0

10

3

TABLE 421								t	*	
LARPANYCTUS DAY	PUSILLUS		HUMBE SAMPL	R OF SPEC	IMENS POR	MS OF SUM	DISCRETE RISE &. 1	, DEPTH SAMI WASET EACH	LES PROM	MED - 2 -
SIZE		DEP	THS SAMPL	ED (K)		•				
MM	SURF	100	150 .	200	300	490	800	1000		
32 33							0.5			
34 35										
26 37							0.5			
38 39							0.5			
NO./HOUR	0.0	0.0	0.0	0.0	0.0	0,0	0•5 2•0	0.0		
NO. HOURS	2.0	2.0	1.0 ·	2-0	2.0	3.0	2.0	1.0		
NO. SPEC.	0	0	0	0	0	0	4	0		
NO. SAMPLES	2	2	1,	2	2	3	1	1		
TABLE 422 Lampanyctus	PUSTLLUS		NUMBI	ER OF SPEI	CIMENS PEI	R HOUR IN	OI SCRET E	DEPTH SAN	PLES FROM	I MED 3
DAY								SUNSET EXC		
SIZE		DEP	THS SAMP	.ED (#)						
MM	50	100	150	200	360	400	500	<b>♦</b> 00	750	1000
15 16 17 18 19 20 21 22 23 24								0.7 4.0 1.7 4.3 2.0 1.3 2.3 0.3		
26 27								0.3		
28 29 30 31									0.5	
32 33										
34 35										-0.5
36									0.5	
NO./HOUR	0.0 2.0	0.0 6.0	0.0 2.0	0.0 6.0	0.0 2.0	0.0 3.0	0.0 3.0	17.1	2.0	0.2 3.0
NO. SPEC.	0-	0	0	0	0	0	0	3.0 52	2	1
NO. SAMPLES	2-	6	2	6	2	3	3	3	2	2.
	-	_	-	-	_		-	_	•	-
TABLE 423										
LAMPANYCTUS DAY	PUSILLUS-		HUMB! SAMPL	R OF-SPE ES WITHII	CIMENS PEI N 1.50 HO	R HOUR IN JRS OF SUR	DISCRETE IRISE OR	DEPTH SAN Sunset exc	PLES FROM LUDED	MED 4
SIZE		DEF	THS SAMPL	.ED (M)						
ии	500	700								
18 19 20	1.0	2.0								
21 22		1.0								
23 24		3.0 3.0								
25 26 27		1.0								
NO./HOUR	1.0	2,0 13.0								

**4.** >

HO. HOURS

NO. SPEC.

NO. SAMPLES

1.0

13

1

TABLE 424

V.

LAMPANYCTUS	PUSILLUS	NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED S	5
DAY		SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED	

SIZE MM	DEPTHS SAMPLED (M)									
nn	160	250	340	410	495	<b>675</b>				
17 18 19 20 21	1.0	•				0.5 0.5 0.5 <b>9.5</b>				
NO./HOUR	1.0	0.0	<b>0.</b> 0	0.0	9.0	2.0				
NO. HOURS	1.0	1.0	1.0	1.0	1.0	2.0				
NO. SPEC.	1	0	0	a.	. 0	4				
NO. SAMPLES	1	1	1	1	1	2				

TABLE 425

×14.

LAMPANYCTUS PUSILLUS
NIGHT PUSILLUS
NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.50 HOURS. OF SUNSIE OR SUNSET EXCLUDED

5120 MM	5		DE	PTHS SAMPL	(#) da.				
		25	40	70	150	190	235	400	700
16				2.C					
-17									
18				1.C					
-19									
20				1.0					
21									
22				1.C					
21 22 23				1.0					
24									
25									
26									
27				1.C					
28				3.C					
29				3.0					
30				2.C					
31				2.0					
32				1.0					
33				3.0					
34				4. C					
35				3.C	0.7				
36				8.0	1.0				
37									
38				2.0					
NQ	HOUR	0.0	0.0	38.C	1.7	0.0	0.0	0.0	0.0
NO.	HOURS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0
NO.	SPEC.	0	0	38	5	0	0	0	0
NO.	SAMPLES	2	1	1	3	1	3	3	3

TABLE 426
LAMPANYCTUS PUSILLUS
NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEP	THS SAMPL	ED (M)						
HH	SURF	12	45	100	150	200	400	600	800	1000
7			1.0							
7 8 9										
-10										
11										
11 .12 13 14 15 16 17			0.5							
14			1.0-		0.3					
16			1.0							
17			0.5						0.3	
18 -19	*		1.0							
20			1.0							
21			0.5 0.5							
23		*								
24			0.5 0.5	1.0						
26				***	0.3					
27			0.5 0.5		0.3					
28 29			1.0		0.3					
30			0.5							
31			0.5 1.0		0.3					
21 22 23 24 25 26 27 28 29 30 31 32 33										
.34 35			0.5	1.0 2.0						
36 37			0.5	1.0						
37				1.0				1.0		
NO./HOUR	0.0	ō•0	13.0	6.0	1.3	0.0	0.0	1.0	0.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0	0	26	6	4	0	0	1	1	0
NO. SAMPLES	24	3	1	ı	3	3	2	1	3	3

TABLE 427

L'AMPANYCTUS Night	-PUS ILLUS						DISCRETE IRISE OR:S			MED 3		
SIZE	DEPTHS SAMPLED (M)											
ин	SURF	50	100-	150	200	300	400-	500	600	750		
-28 -29 30		-0.4	2.0									
31 32 33			1.0 1.0 1.0									
NO./HOUR	0.0	-0.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0		
NO. SPEC.	0	1	5-	0	0	0	0	0	0	0		
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3		

TABLE 428

LAMPANYCTUS REGHT	PUSTLLUS	NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES MITHIN 1.50 HOURS OF SUNRISE OR SUMSET EXCLUDED

SIZE MM		DEI	PTHS SAMPL	ED (M)					
•••	SURF	50	80	135	155	250	325	425	510
16			1.0						
17									
18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33			1.0				1.0		
20			1.0						
21			1.0						
22			1.0						
23		1.0							
24			1.0						
25									
26									
27			1.0						
28			1.0						
29									
30									
31			1.0 1.0	1.0					
11			2.0	1.0					
34			2.0						
33									
34									
37									
38									
39			1.0						
NO./HOUR	0.0	1.0	17.0	1.0	0.0	0.0	1.0	0.0	0.0
40. HOURS	7.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0	1	17	1	0	0	1	0	0
NO. SAMPLES	15	1	1	1	1	1	1	1	1

T28L6 429

CEFATOSCOPILUS MACERENSIS			NUMBER OF SPECIMENS CAUCHT IN DISCRETE DEFTH SAMPLES-FROM MED 1						
S I Z F MM	FOSTLARVAE	JUVEN ILES	SUBADULT FEMALES	ADUL1- Females	UNSTAGED MALES	SUBADULT MALES	ADULT MALES	UNCESICNATED	1014LS
67 69 10 11 12 13 15 16 17 18 19 20 21 22 22 23 24 25 26 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	] 3 1 5 -4 5 3 2	3 19 66 125 -80 36 27 14 12 5 4 2 3							1 1 3 1 5 4 5 6 21 125 8 7 16 125 4 2 7 16 125 4 2 7 16 125 4 2 7 7 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
75 75 75 75 75 75 75 41 75 44 45 47 46 47 46 47 46 47 46 47	26	400	ū	1 6 1 3 3 5 4 4 2 2 2	o	0	3 8 9 7 13 8 8 1 3	0	1 9 9 10 10 18 12 12 3 5

TAELE 430

€. 5

-CERATO	SCÓPELUS MADI	ERENSIS	ALPBER C	F SPECIMEAS	CAUGHT IN CI	SCRETE DEPTH	SAMPLES- FR	IOM NED 2	
S12E	FCSTLARVAE	JUVENILES	SLBAUULT FEMALES	ACLLT FEPALES	UNSTAGEC PALES	SUBACULT MALES	ADULT MALES	UNDE SIGNATED	TOTALS.
8	1			*	•	*	•		1
9 10	1								1
11	2	1							3
12	1	-1	:						2
1% 15	1 2 .	2 : E					*		10
16 17		15							2 3 1C 15 4C 45
18		40 48						1	45
-19 20 -	*	48 41						1 1	45 42
21 22		28 24			•				28 24 15
23		17						2	15
24 25		* , it	×						
26		ê							2
27 28									
29 30									
31									
32 33						•			
24 35									
36									
37 38									
39 40									
41							1		1
42 43							•		
44				1			1-		1
46				1					1
47 48								•	•
49 50									
51							1		1
52 53				1			1		2
54 55									
56									
57 58				1			1		2
59 60									
61							1		1
62									
64 65									
66 67									
68							1		1
TCTALS	5	285	c	4	o	0	7	5	31C

TAELE	431						CAMPILS FR	KOM MED 3	
CERATO	SCOPELUS MADE	RENSIS	NUPBER CF	SPECIPENS	CAUGHT IN CI		ACULT	UNDESIGNATED	TCTALS
8,15E	POSTLARVAE	JUVENILES	SLBADLLT FEMALES	ADLLT- FEMALES	UNSTAGED MAL"S	SUFACULT PILES	MALES	UN SE S S S S S S S S S S S S S S S S S S	2
11115078501724567530178761824567	1 2 2 1	27C442C157345412		1 1				1 1	1451442 15734542421 1 11
56 57 58							1		1
58						_		3	. **

TCTALS

TABLE		LRENSIS	ALFBEF C	F SPECIMENS	CAUGHT IN CI	SCPETE LEPTH		4.7 4.63 4	1, 14, 5
511£	PCSTLARVAE	JUVEN 1LES	SLEAGLLT FEMALES	SCILL FEMALES	LNSTIGEL PALES	Supacult Pales	MALES	OAPS 2 TONY JED.	
16 19 20		4					•	•	4
T CT ALS	c	14	C	c	ა	U	С	•	•

TARLE 433	

CERATOS	SCOPELUS MADI	ERENS IS	NUPBER	CF SPECIMENS	CAUGHT IN DI	SCRETE DEPTH	SAMPLES F	RUM MED 5		
SIZE	POSTLARVAE	JUVENILES	SLBADULT FEMALES	ADULT FEPALES	UNSTAGED PALES	SUBADULT MALES	ADULT- MALES	UNDESIGNATED	TCTALS	
13	1								. 1	
14									-	
15										
16 17						•				
ie		1							1	
19		į							Ġ	•
20		11							11	
21		12							1,	
22		12							1.4	
24		5							1	
25		5 2 2							j	
26		:							3	
27		1							1	
28 25			1 1						ļ	
10									1	
,ì										
31 32										
34										
34 35						1			1	
36										
37	•								*	
76										
35										
40										
41							1		1	
43									•	
44										
45							1		1	
47										
40										
45										
50				1					1	
51				i					1	
* 4										
54										
5.										
ξe.				ı					ı	
TUIALS	1	57	2	3	,	1	2	*	7 <b>t</b>	

TALLE 434 CLEATOSCOPELOS TAOURENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE OLDTH SAMPLES FROM MED. I SAMPLES WITHIN 1.50 HOURS OF SUNKISE OK SUMSET EXCLUDED

			U	AY			<u>:</u>	! .		NI.	GHT			
JEPIN   M	ficial HUUS y		NUM'IER PER JUVENILE		AUULT	NUMBEI SAPP		TUTAL HOURS	P( STL ARVA-	NUMBER PER JUVENILE		ADULT	NUMBE SAMP	
SURF 25 3 1 75 10 1	<b>!</b> 						1	1.1	6.0 0.0 4.0	8.5 8.0 0.0	0.0 6.0 9.0	2.8 0.0 10.0	2 1 1	12 J 8 I 14 1
125 158 175	j , `	č.:	0.3	c.c	c.0	3	1	3.0	0.7	c.o	٥.٠	3.3	3	12
20., [ 225	I						į	1.0	0•Q	0.C	2.0	c.c	1	O I
25(   275	2	J. 5	0.5	c.c	0.0	2	1	3.0	1.0	C.0	0.C	0.0	3	3 ]
300   325   35   475   475	! ! : ).	C.3	<b>c.</b> e		0.0	3	1	3.0	0.3	c. o	c.o	0.0	3	1
45° 475 50° 525 55° 575	l   2.1 	3.0	<b>č.</b> 5	c.c	0.5	s	2							; { } }
600 625 550 675 700 725 75	  -  - 	1.3	103.7	0.0	0.0	3	317	3.0	1.3	11.0	6.0	0.0	3	37   37
715 525 550 650 675 900 925											18	1		
999 975 1637	l	6.3	c.s	,.,	5.0	3	7							İ

TABLE 435 CERATOSCOPELUS MADERENSIS

### NUMBER OF SPECIMENS FER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1-50 HOURS OF SUNRISE OR SUNSET EXCLUDED

į	) 		0	AY			<del>-</del>	!		NI	GHT			
DEPTH	TOTAL HOURS	POSTL ARVA	NUMBER PER JUVENTLE		ADULT	NUMBE SAMP		TOTAL		NUMBER PER JUVENILE		ADULT	NUMBE SAMP	
SURF   25   50	ŀ	0.0	0.0	0.0	0.0	2	0	11.9	0.0 0.5 0.5	0.0 93.6 8.0	0.0 0.0 0.0	0.0 0.0 4.5	24 3 1	0 132 25
75 100   125	i I 2.0	0.0	0.0	0.0	0.0	2	0	1.0	0.0	0.0	0.0	0.0	1	0
150	1.0	0.0	0.0	0.0	0.0	1	٥١	3.0	0.7	2.3	0.0	0.3	3	10
200 275 250	i 2.0 I	0.0	0.0	0.0	0.0	2	٥	3.0	0.0	0.0	0.0	0.0	3	c
275 300 325 350	2.0   	0.0	0.0	0.0	0.0	2	٥							
375 400 425 450 475 500	3.0     	0.3	0.0	0.0	0.0	3	0 1	2.1	0.0	0.0	0.0	0.0	:	٠
525 550 575 600 675 650 675	] 						1	1.0	0.0	1.0	0.0	0.0	1	:
700 725 750 775 400 825 850	1 5 6 1 1 2.0	1.5	18.0	0.0	n.5	1	40   -	3.0	0.0	3.3	0.0	0.0	5	.0
875 930 925 953 975 1003	{   	0.0	0.0	0.0	0.0	1	-	3.0	0.0	0.0	۰.0	0.0	3	c

TABLE 436 CERATUSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	• !		0	AY			!	!		NI(	 Энт			
	T )TAL	PUSTL ARVA	NUMBER PER JUVENILE		ADULT	NUMBE SAMP	R OF I	TOTAL	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP.~	
\$00%								29.0	0.0	0.0	0.0	0.0	513	0 1
25 50	1 2.0	0.0	0.0	0.0	0.0	2	ا ه	1.1	0.0	1.8	0.0	2.8	1	<b>s</b> . ,
75 192	6.0	0.0	0.2	0.0	0.0	6	1	1.0	0.0	1.0	0.0	0.0	1	A 7
125 150	2.0	0.0	0.5	0.0	0.0	2	1	3.0	0.0	0.0	0.0	0.0	3	c
175 200 225	6.0	0.0	0.5	0.0	0.0	6	3	2.0	0.0	0.5	0.0	0.0	2	1 :
250 275	ł						į	İ						ı
300 325	i 2.0	0.0	0.0	0.0	0.0	5	0	3.0	0.0	0.3	0.3	0.0	3	2 1
350 375 400	l	0.0	0.0	0.0	0.0	3	0 1	3.1	0.0	0.0	0.0	0.0	3	0 1
425 450	1	•••	0.0	0.0	0.0	3	, i	"	0.0	0.0	.,,0	0.0	,	
475 500	3.0	0.0	0.0	0.0	0.0	3	, i	i 3.0	0.0	0.0	0.0	0.0	3	0 1
525 550	I						!	!						!
575 600	3.0	0.0	1.3	0.0	0.0	3	4	3.0	0.0	0.3	0.0	0.0	3	1 ‡
625 650 675	ļ .						i	!						1
700	j						į	ļ						:
725 750	2.0	0.0	72.0	0.0	0.0	2	144	3.0	2.0	9.1	0.0	0.0	3	34
775 800	j						}	ļ						
825 850	l						į	į						1
875 53a	i						į	ļ			r,	18	<b>ッ</b>	
925							ļ	!				التاليلا	f +/	1
1000	3.0	0.0	2.7	0.5	0.2	2	9	}						•

TABLE 437
CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

!			D	AY				i i			N	IGHT		
	TOTAL HOURS	POSTLARVA	NUMBER PER IUVEN ILE	HOUR Subadult	ADULT	NUMBER SAMPIN			OTAL	POSTLARVA	NUMBER PE		ADULT	NUMBER OF SAMPINDIV.
SURF 25-														
50 I							į	i i						į
100 1							i						•	į
125   150								!   						1
175 l 200 l							!							I I
225 I 250 I	l						į							!
275	l .							ij						į
300 l	l													:
350   375	l						I	 						•
400 I							ļ							1
450   475	Ì							ij						<b>.</b>
500 1	1.0	0.)	0.0	0.0	0.0	1	0							
575 I	i													•
575 E	ŀ						i	!						
625 I														
675 700	1	0.0	10.0	0.C	0.0	1	10	ij						
775	I	V•3,	10.0	0.0	0.0	•	10	ij						·
756   775	Ì													
800 J 825 i	í							 						1
850 l 875 l														
900 1 975	!													
950 (	l						į	ij						
975 ] 1000 ]														

TABLE 138
CERATOSCOPELUS MADERENSIS

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN-1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

	!		D	AY			Ĭ	!		NI	GHT			
#1930 #	TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE		ADULT	NUMBER	R OF	TOTAL	POSTLARVA	NUMBER-PER JUVENILE	HOUR SUBADULT	ADULT	NUMBE SAMP	
SURF 25							<u> </u>	7.8	0.0	0.0	0.0	0.0	15	١ ،
50 75	1						į	1.0	0.0	8.0	0.0	0.0	1	
100 125	1						- [	1.0	1.0	36.0	3.0	5.0	1	4
-150	I					_		1.0	0.0	7.0	0.0	0.0	1	7
175 200	1	0.0	0.0	0.0	0.0	1	١٥	1.0	0.0	0.0	0.0	0.0	1	(
225 250 275	i 1.0	0.0	0.0	0.0	0.0	1	١٠	1.0	0.0	0.0	0.0	0.0	1	e
300 325	1						į	1.0	0.0	0.0	0.0	0.0	1	
350 375	1.0	0.0	0.0	0.0	0.0	1	0	1	0.0	0.0	0.0	0.0	1	,
400 425 450	1.0	0.0	0.0	0.0	0.0	1	٥	1.0	0.0	0.0	0.0	0.0	1	Ę.
475 500 525	1 1.0	0.0	0.0	0.0	0.0	1	0							
550 575	İ							1.0	0.0	0.0	0.0	0.0	1	0
625	1						į	į						
650 675	\$	0.0	0.0	0.0	0.0	2	٥	į						
700 725	1		•	•	0.0	~	ľ	į						
750	1						į	•						
775 800	i						- {	i			٠,	A 63 00		
825 850							i	-				183	;	
875 930	į.						į	İ						
925	ŀ						i	i						
750 975							!	1						
1000							i	i						

13	e.	ĭ	439

PAY PSCOPFI US	MATEREA	·>15					SCRETE CEPTH SAMPLES FR ISE OR SUNSET EXCLUDED	OM MEU 1
SI20		DE	THS SAFFE	-(4) 03.				
••	150	235	175	500	100	940		
9			و ون					
10 11								
iè					9.1			
<u> </u>					1.3			
[4  -					3. <i>1</i> 19.8	0.3		
16					37.4			
i)	(+3	0.5			19.0			
in iv				C.5	₫•ô 6•3			
20					3.3			
21					1.7			
22 23					1.0			
24					6.3			
25					0.3			
40						J.3		
41 42						1.0		
43				0.5		0.3		
44				•••				
45 46						3.3		
**						J. 3		
M F. UR	<b>(.)</b>	ı.÷	4.3	1.0	165.0	2.3		
NL. Froks	2.0	4.0	3. C	2.0	3.0	3.10		
AC. SPEC.	1	ı	1	5	517	7		

TABLE 440

CERATOGOPELUS MADERENSIS NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES-FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

317E		DEP	THS SAMPL	ED (#)				
74	SURF	100	150	200	300	400	800	1000
14 15 16 17 18 19 20 21 22 23 24			•				0.5 2.0 3.0 2.5 2.0 2.0 2.5 2.5 2.5 1.5	
42							0.5	
NO./HOUR	0.0	9.0	0.0	0.0	0.0	0.0	22.0	0.0
NO. MOURS	2.0	5.0	1.0	2.0	2.0	3.0	2.0	1.0
NO. SPEC.	0	(	0	0	0	0	44	0
NO. SAMPLES	2	ž	1	2	2	3	1	1

TAILE 411

CERATOSCOP(LUS 1944	MADEREN	\$15	NUMBE SAMPL	R OF SPEC	IMENS PER	HOUR IN	DISCRETE IRISE OR S	DEPTH SAF SUNSET EXC	APLES FROM CLUDED	4 HED 3
SIZE		DEP	THS SAMPL	(4) OB.						
	50	100	150	500	300	400	500	600	750	1000
14 1* 16									0.5 3.0 4.0	0.5
17									10.5	1.0
14 18				0.3				0.3 1.0	11.5 8.0	0.7
27 21		0.2	0.5						6.5 7.0	
22			0,						8.5	
23 24				0.2					3.G	
22 23 24 25 25				***					1.5	0.2
25									1.0	0.5
28 29				0.2					0.5	0.2
7.5				V• E						
5¢										
N° ./HOUR	0.0	0.2	n #							0.5
			0.5	C.8	0.0	0.0	0.0	1.3	77.0	3.4
NO. HOURS	2.0	6.4	2.0	6.0	2.0	3.0	).0	3.0	2.0	3.0
40. PFC.	0	ı	ı	5	٥	٥	0	4	144	9
NO. SAMPLES	2	6	2	6	ę	,	3	3	,	,

118LE 442

178LE 442				
GERAYOS COPELUS DAY	MADERE	SIS	NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED	
SIZE MII		DEPTH	S SAMPLED (M)	
n)i	500	700		
18 19 20		4.0 4.0 2.0	•	
NO./HOUR	0.0	10.0		
HO. HOURS	1.0-	1.0		
ND. SPEC.	0	10		
MO. SAMPLES	1	1		

TABLE 443

CERATOS COPELUS NIGHI	MADEREN	212	NUMBE Sampl	K OF SPEC ES WITHIN	1.50 HOU	RS:OF SUN	RISE OR	DEPTH SAMPI SUNSET EXCL	LES FROM MED JDEO
512E		DEP	THS-SAPPL	ED (P)					
MH	25	40	-70	150	190	235	400	700	
a a			1.C						
9			1.C			0.7	0.3		
ìi						•••	0.5	1.0	
12			2.0					0.3	
13				0.3				0.3	
14				0.3			*	1.7	
1.						0.3	-	2.0	
10	1.0							3.3	
17	3.5 1.0	3.0						3.4 0.3	
19	1.0	1.C						0.5	
žó		1.0							
2.		2.C							
22		1.0							
23	1.0								
24									
25									
*¢	1.3								
39			1.C						
40	1.C			0.3 0.7					
4			1.0	0.7					
**			1.0	ŏ.7					
43			3.C	0.3					
15	3.0		2.C	0.7					
47 44	000		1.0						
47	1.0		1.G						
45.7 POUR	11.3	8.C	14.0	4.0	0.0	1.0	0.3	12.3	
n . Yours	1.1	1.6	1.0	3.0	1.0	3.0	3.0	3.0	
ne. spec.	12	8	14	12	0	3	1	37	
	•		1	3	1	3	3	3	

TABLE 444

CERATOSCOPELUS MADERENSIS

NIGHT

NUMBER: OF SPECIMENS PER HOUR IN DISCRETE DEPTH-SAMPLES FROM MED 2 SAMPLES WITHIN 1.50: HOURS OF SUMRISE OR SUNSET EXCLUDED

SIZE MM		0	EPTHS SAMP	LED (F)						
	SURF	12	45	100	150	200	400	600	800	1000
8 9			0.5					•		••••
10										
11		0.5								
12					0.3 0.3				0.3	
-13 14					0.5				0.3	
15									0.7	
16			2.0		0.3				1.0	
-17		5.6	4.0		0.3 0.3			1.0	0.7	
18		15.3	1.5		0.7					
19 20		22.3			0.3					
21		21.3	0.5		0.3					
55		11.4								
23		9.7 11.4 8.1								
21 22 23 44 45									0.3	
45			0.5							
46 47			0.5							
47					0.3					
48 49										
50										
50 51 52 53 54			0.5							
52			0.5							
53			1.0							
-54 -56										
55 56 57 58										
57										
58			1.0							
59			• • •							
61			0.5							
62 63										
64										
65										
-66										
67										
68			0.5							
NO./HOUR	0.0	94.1	13.C	0.0	3.3	0.0	0.0	1.0	3.3	0.0
NO. HOURS	11.9	1.5	2.0	1.0	3.0-	3.0	2.1	1.0-	3.0	3.0
NO. SPEC.	0	132	26	o	10-	0	0	1-	10	0
NO. SAMPLES	24	3-	1	1	3	3	2	1	3	3

TABLE 445

CFRATOSCOPELUS MADERENSIS
HIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

								JU11321 - 2 A	CCODEO	
STZE MM		DE	PTHS SAMP	LEO (P)						
*11**	SURF	50	100	150	200	300	400	500	600	750
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28										0.3
15										1.0 1.0
17									0.3	2.5 4.5
18		0.9 0.9								1.3
20 21		•••								0.3
žž			1.0		0.5					
23 24										
25 26						0.3				
27										
28						0.3				
47 48		0.9								
49		0.9								
51										
52 53										
54										
<b>\$6</b>										
50 51 52 53 54 55 56 57 58		0.9								
NG./HOUR	0.0	4.6	1.0	0.0	0.5	J.7	0.0	0.0	0.3	11-1
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NG. SPEC.	0	5	1	0	1	3	o	0	i	34
NO. SAMPLES	56	1	1	3	2	3	3	3	3	3

TABLE 446

CERATOSCOPELUS MADERENSIS
NIGHT

J.

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.50 HOURS OF SUNRISC OR SUNSET EXCLUDED

SIZE MM		0Ĕ:	PTHS SAMPI	.EO (M)					
	SURF	50	-80	135	155	250	325	425	510
13 14 15 16 17			1.0						
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		1.0 1.0 1.0 2.0 3.0	2.0 9.0 8.0 7.0 2.0 3.0 2.0	1.0 1.0 2.0 3.0					
26 27 28 29 30			1.0 1.0						
32 33 34 35 36 37 38			1.0				6010d	uced fro	COPY.
39 40 41 42 43			1.0				Rep. a	1811	<i>,</i>
44 45 46 47 48 49			1.0						
50 51= 52 53- 54			1.0						
55 56			1.0						
NO./HOUR	ō.o	8.0	45.0	7.0-	0.0	0.0	0.0	0.0	0.0
NOHOURS	7 <u>.</u> 8	1.0	1.0	1.ō-	1.0	= <b>1.0</b>	1.0	1.0	1.0
NO. SPEC.	0	8	45	7-	n	0	ŋ-	0	-0-
NO. SAMPLES	15-	1	1	-1=	1	-1	1.	1	1

12.11 447

Tace	447							
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<del>44</del> 34		1							1
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vC1t vC	PELUS KKGYE:	1	11.1.4 -	if specimens	Would be the	lagetty cart	n samples f	R. A. Philip 2	
\$ 12*	PESTLANVA.	JUVI .IL. S	SU ABULT Freates	acti repairs	6557461 , 28113	parallel Mario	#ALES	#F##21 #X4 1+0	ILIALS
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44									
45									
47	•								_
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45 40			1						i
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50 51 52 13									
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5.7						•			4
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61			1-						1
61 62 64 65 66			-1 1-						i
ě4			-						-
65						1			1
66									
4.8									
4.9									
<i>7^</i>						1			1
71						•			•
<u>87</u> -							-1		1
98							1		1
		_			_		•		3.

NOTUSCUPFLUS KRITETI

NUMBER OF SPECIMENS PER-HOUR IN DISCRETE CUPTH SAMPLES FROM MED. I SAMPLES WITHIN 1.50 HOURS OF SUMMISE OR SUNSET EXCLUDED.

į	 					!		N I C	GHT					
M	TUTAL HJUKS	PHSTER" VA	774 12540F 77143AN	HCUH SUBADUL T	ĄČULT	NUMBER SAMPI		TUTAL HUUKS		NUMBER PER JUVENILE		ADULT	NUFBEF SAMP1	
\$UKE     25     50     75     100	     						1	1.1	3.0 0.0 0.0	0.0 0.0	1.0	0.0 0.0 1.0	2 1 1	1 7 1
125	3.	£ • 4		~• <i>1</i> ′	· .o	3	ا د	3	٥.0	0.6	0.0	0.3	3	1
175   200	l						ļ	1	J.3	C. 0	0.0	0.0	1	0
225   290   275   273   325	2.3   	£.•*	7	٤.٥	٥.3	2	0	3.3	5.0	c. v	<b>6.0</b>	0.0	3	0
350   375   400   423	   3.0 	6.0	6.6	c.c	0.0	3	3	3.1	c.s	e.c	v.0	0.0	3	0
450 475 500 525 550 575	   2.5 	₹.,	ŭ	c.0	e.)	2	יי							
600 625 650 675 700 725	       },	**	<b>\</b> .*	2.0	7• i	3	i 1 1	j   	٠.٠)	0.3	e.n	0.0	3	1
750 775 800 825 850	! ! ! !						1	 						
975 900 925 950 975	i i i 3.0	Ç5	<b></b>	c.c	0.0	ã	, i	       						

TABLE 451:
NOTOSCUPELUS KROYER!

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MEU 2 SAMPLES MITHIN 1.50 HOURS OF SUNTISE OR SUNSET EXCLUDED.

	, <u>-</u> - !		0	AY			<u>-</u>	-			וא	GH1			,=====; †
DEPTH H	TOTAL HOURS-	POSTL ARVA:	NUMBER PER JUVENTLE		-ADULT	NUMBER			TOTAL		NUMBER PER JUVENILE		ADULT	NUMBER SAMP!	
SURF 25 50 75	İ	0.0	0.0	0.0	0.0	2	i	-1. 	11.9 1.5 2.0	0.0 0.0 0.0	0.0 0.7 0.0	0.0 0.0 7.5	0.0 0.0 0.0	24 3 1	0 1 15
100 125	2.0	0.0	0.0	0.0	0.0	2		-	1.0	0.0	0.0	0.0	ö•o	1	0
150   175	1.0	0.0	0.0	0.0	0.0	=1	۰i	-	3.0	0.0	0.0	0.0	0.0	3	0 1
200 225 250	2.0   	0.0	0.0	0.0-	0.0	Ž	٥		3.0	0.0	0.0	0.0	0.0	3	٥
275 300 325 350	2.0 	0.0	0.0	0.0	0.0	Š	i								1
375 400 425 450 475 500 525	1 3.0       	0.0	0.0	0.0	0.0	-3·	0		2.1	0.0	0.0	0.0	0.0	2	o      -   
550 575 600 625 650 675	 						1	101 - 1	1.0	0.0	0.0	0.0	ō•0	ı	0
725 759 775 800 825 -850 875	   2.0	0.0	0.0	0.0	0.0	= <b>1</b> =	0		3.0	0.0	0.0	0.0	<u>0</u> .0	3	0
900 925 950 975	   						-	       = =				,		rea	<u>,                                     </u>
1000		0.0	0.0	0.0	0.0	-1	0	3	3.0	0.0	0.0	0.0	0.0	3	اه

1	) 		0	AY						N (	CHY			
DEPTH	T-)TAL	POSTLARVA	NUMBER PER JUVEN ILE		ADULT	NUMBER SAMP1		TUTAL	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP1	
SURF 25							!	29.0	v.0	0.0	0.0	0.0	58	0
50 75	2.0	0.0	0.0	0.0	0.0	2	0 =	1.1	0.0	0.0	3.7	0.0	1	4
100	6.0	0.0	0.0	0.0	0.0	6	0 -	1.0	0.0	0.0	0.0	0.0	1	0
125	2.0	0.0	0.0	0.0	0.0	5	-I 0-1	3.0	0.0	0.0	0.0	0.3	3	ı
200	6.0	0.3	V. 0	0.0	0.0	6	ōl	2.0	0.0	0.0	0.0	0.5	2	1
225 250							-1						•	
275 300		0.0	0.0	0.0	0.0	2	-i 0−l		0.0	0.0	0.0	0.0	3	0
325 350	l					_	Ì	. 1	***	***	-	440	•	×
375 400	ì	0.0	0.0	0.0	0.0	3	o-i	j   3.1	0.0	0.0	0.0	0.0	3	0
425 450	Ì	0.0	•••	•••	***	,	- i -i	""	0.0	0.0	0.0	0.0	,	· ·
475 500°	l	0.0	0.0	0.0	0.0		i						_	
525 550	ì	0.0	0.0	0.0	0.0	3	0 -1 1	3.0	0.0	0.0	0.0	0.0	3	0
575	İ		_				- 1							
600 625	3.0	C+0	u.0	0.0	0.0	3	0	3.0 	0.0	0.0	0.0	0.0	3	0
650 675							¦	 						
100   125							l l	1						į
750   775		0.)	0.0	C.0	0.0	2	٥į	3.0	0.0	0.0	0.0	0.0	3	0
825							į	į						
850   875							i	i						
900							į	į						
950							ļ	i						,
1000	-3-0	0.0	0.0	0.0	0.0	2	اَةِ	1						

TABLE	453-										
	PELUS=KROY	ERI		NUMB SAMP	ER OF SPE LES WITHI	CIMENSIPE A 1.50.HC	R HCUR=11. URS OF-5 <u>U</u> )	-DISCRETE IRISE OR S	DEPTH:SAMPL SUNSET EXCLE	.ES-FROM MED IDED	1
\$112E			DE	PTHS SAPP	LED (P)						
-MM		25	40	70	150	-190	235	400	700		
20			-						-0.3		
20 21									-0.3		
22 23 24											
24											
25 26											
27											
28			2.0								
29 30											
31											
32 33											
34			-1.0								
35											
36 37			-1+0								
38											
39 40											
41											
42											
43		1.0									
44 45			:1.0								
46 47											
48											
49											
50 51			1.0								
52											
53			1.0 -1.0								
52 53 <u>54</u> 87 88 89			-1.0								
86					0.3						
89 1											
*1				1 - C							
NC./HOUR	1	1.0	8.0	1.0	0.3		_				
NO. HOURS	§. 1	-1	1.0	-		0.0	0.0=	0.0	0.3		
NO. SPEC.				1-0	3.0	1.0	3.0-	3.0	3.0		11
		1	8	j.	1	0	O-	0	1		ï
HU. SAMPL	. E S	2	1	3=	3	ı	-3=		,		

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TABLE 454 NOTOSCOPELUS KROYERI NIGHT

NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED

SIZE		DEPT	THS SAMPL	ED (M)						
nn.	SURF	12	45	100	150	200	400	600	800	1000
24		0.7								
25 26										
26										
28										
29										
30										
31										
27 28 29 30 31 32 33										
33										
34			-0.5							
35			0.5							
30 37			0.5							
38										
39			0.5							
40			0.5							
41			0.5							
35 36 37 38 39 40 41 42 43										
43			0.5							
45			0.5							
46										
47			0.5							
48			1.0							
49			0.5							
48 49 50 51 52 53 54 55			1.0							
51										
52										
54										
55										
56										
57										
58			0.5							
59			0.5							
NO./HOUR	0.0	0.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0-	0.0
NO. HOURS	-11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0-	3.0
NO. SPEC.	0	1	15	0	0	0	0	0	0	0-
NO. SAMPLES	24	3	1	1	3	3	2	1-	3	3

TABLE 455

NOTOSCOPELUS NIGHT	KASYERI		NUMB E Sampl	R OF SPEC ES WITHI	: 1.50-HQL	R-HOUR IN JRS OF SUI	DISCRETE: IRISE OR®S	DEPTH-SAM SUNSET EXC	PLES FROM LUDED	MED 3
SIZE		DEF	THS SAMPL	.ED (#)						
MM	SURF	50	100	150	200	300	400	500-	600	750-
56 57		0.9								
57 58 59 40		1.8								
<u>61</u>		0.9		0.3						
46					0.5					
NO./HOUR	0.0	3.7	0.0	0.3	0.5	0.0	0.0-	0.0	0.0-	0•Ö=
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0-	3.1	3.0-	3.0-	3.0-
NO. SPEC.	0	4	0	1	1	0	0	0 =	0=	0
NO. SAMPLES	58	1	1	3	2	3	3	3:	3-	3 =

iseit				_				44 1	
ACTUSC	PPELUS ELESC	111.	ALPHI «	if saiglatha	COURT IN LE	Me TE E IN	SEAFLES !		
\$120	FCS1L #KVAt	JUVC-1 ILE S	11114 112 24144 14	ALLEI PERALPS	thollotic cates	70LALUL1 43JA*	ALUL I MAL ES	the steadth	IUIALS
36 37						1			1
; ;									
41									
41									
44				`					
41								*	
41			1						1
4, *.			1						•
25									
********						1			1
*6									
57 53									
						•			
6 j	•								
€ 3						ì			1
ICTAL.	c	\$	2	Š		-	•		•

W.

TAELE	457								
ACTESC	LPTLUS ELÇNC	ATUS	NUMBER !	r Sigilarks	CALCET IS LI	JUNITE TEFTH	strates to	* 410 2	
512E	FCSTLAXVAE	JUVENIL) \$	11134-12 231441.	Aull1 Fe≥≤lts	thallott illes	20644361 846-2	ALLI BALES	United Mill Alice	, ICTALS
17 18 39 40			2						ž
41 42 42 44 45						1			1
46 47 <b>59</b>			1			, 1 1			) 2
60 61 62						1			1
64 65 -66 67						ì			1
48 69 70			1						1
71 98 99 100			1			-1			1
101 102 103 104 105									
-106			i						1
TETALS	c	- C	ŧ	-Č	C	ė	c	c	12

TABLE 458

ACTOSCO	PELUS ELANC	ATUS	AUPBER (	F SPECIPENS	CAUGHT IN CI	SCRETE CEPTH	SAMPLES F	ROM MED 3		
SIZE	PCSTLARVAE	JUVENILES	SLBAULLT Females	ACLLT FEPALES	LASTAGEC PALES	SUBACULT MALES	ACULT MALES	UNDES IGNATED	ŢOTAL:	S
34						1			1	
TCTALS	c	c	c	3	v	1	C	o	. 1	

TABLE 459
NOTOSCOPELUS ELUNGATUS

NUMBER OF SPECIMENS-PEN HOUR IN-DISCRETE DEPTH SAMPLES FROM MED 1: SAMPLES WITHIN 1.50 HOURS OF SUMRISE OR SUNSET EXCLUDED

-			D	AY						N1	GHT			
DEPTH:			NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAPP		TUTAL HUURS	POSTLARVA	NUMBER PER ,JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP.	OF INDIV.
SURF   25   50   75	į							1.1	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	2 1 . 1	0 - 0 0
100   128-1 150   175	3.8	C•*	6.0	C.C	0.0	3	٥	3.0	5.0	0.0	0.0	0.0	3	0-
200 225 250 275-	2.5		o. ^	c.e	0.0	2	0-	3.0	0.0	0.0	0.0	0.0	3	0
30) 325 -  350 *  375=  400 -  425 -	340	c.o.	<b>c.</b> 0	C.3	<b>L.</b> 0	3	1 =	3.0	0.0	0.0	0.0	0.0	3-	0 =
475- 500 525- 550 575-	2.3	<b>c.</b> c	c.c	1.5	0.0	2	<b>3</b> 1	-    -  -  -						
600 625= 650 675= 700= 725= 750= 775= 600	3.0	c <b>.</b> ɔ	c.o	c. 0	0.0-	3	- - 0 -	3.6	0.0	0.0	<b>0•</b> 0-	0+0	<b>3</b>	<b>0</b> =
825 850 875 900 925 950 975 1000	3.6	c.s	v.c	<b>c.o</b>	U• <b>0</b>	3	- - 0 - -				_	•	-	-

ì			0	AY						N1	GHT			
DEPTH	TOTAL HUURS	POSTLARVA	NUMBER PER		ADULT	NUMBER		- TOTAL HOURS	POSTLARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMP I	
SURF   25   50	2.0	0.0	0.0	0.0	0.0	2	0	- 11.9 - 1.5 - 2.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 2.0	0.0 0.0 0.0	24 3 1	0
75 I	2.0	0.0	0.0	0.0	0.0	2	o į	1.0	0.0	0.0	1.0	0.0	1	1
125   150   175	1.0	0.0	0.0	0.0	0.0	1	0	3.0	0.0	0.0	0.3	0.0	3	1
200 I 225 I 250 I	5.0	0.0	0.0	0.0	0.0	2	0	3.0	0.0	0.0	0.0	0.0	3	0
275   300   325   350	2.0	0.0	0.0	0.0	0.0	2	٥	- I  - I   I						
375   400   425   450   475   500   525	.3.0	0.0	C.0	0.0	0.0	3	0	- 2-1 	0•0	G. 7	0.0	0.0	2	0
550   575   600   625   650   675   700									0.0	0.0	0.1	0.0	. 1	0
725 750 775 800 825 850 875	,2.0	0.0	0.0	0.0	0.0	ı	0	-  -  -  -  -  -	0.0	0.0	0.0	0.0	3	0
900 925 -950 975 1000	l	0.0	2.0	3.0	0.0	1	3	=-              3.0	0•0	0.0	, 0.0	0.0	3	0

TABLE 462

NOTOSCUPELUS ELONGATUS NUMBLE OF SPECIMENS PER HOUR IN

NUMBER OF SPECIMENS PER-HOUR IN DISCRETE DEPTH SAMPLES FROM MED 3 SAMPLES MITHIA-1.50 HOURS OF SUMRISE ON SUMSET EXCLUDED

			0	AY			-  -			Ņ!	GHT			
DEPTH -M	TOTAL HOURS		NUMBER PER JUVENILE		ADULT	NUMBER SAMP1		- TOTAL	POSTL ARVA	NUMBER PER JUVENILE	HOUR SUBADULT	ADULT	NUMBER SAMPI	
SURF		*********							0.0	0.0	0.0	0.0	58	0
25 I		0.0	0.0	0.0	0.0	z	0  -	1 1.1	0.0	0.0	0.0	0.0-	1 *	0
75   100	6.0	0)	0.0	0.0	0.0	6-	0  -	į- 1.0	0.0	0.0	1.0	0.0	1	1
-125   -150	2.0	0.0	0.0	0.0	0.0	ž	0  -	1 3.0	0.0	0.0	0.0	0.0	3	0
-l· 200	6.0	0.0	0.0	0.0	0.0	6	0		0.0	0.0	0.0	0.0	2	0
225 250	j						j-				-			
275 -300		0.0	0.0	0.0	0.0	2	) i	i <b>j</b> -	0.0	0.0	0.0	0.0	3	0
325 -350	i	•••	•••	•••	•••	•		- <b>1</b> -		•••		•••	-	•
375	ı	0.0	0.0	• •	0.0	3-	0 1	i-	0.0-	0.0	0.0	0.0	3	٥
400 425	l	0.0	0.0	0.0	0.0	3.			0.0	0.0	0.0	0.0	,	U
450 475	i .									_				_
500 525	i	0.0	0.0	0.0	0.0	3	0   1	i	0.0-	0.0	0.0	0.0	3	0
550 575	l							1						
600 625		C.0	-0.0	0.0	-0.0	3-	0		0.0	0.0	0.0	0.0	3	0
450 -475							1	1						
700 725	ı						į	ij-						
-750 775	2.0	0.0	0.0	0.0	-0.0	5.	o j	j 3.0	0.0	0.0	0.0	0.0	3	0
●00	İ						į.	į						
-825 -850	I						ļ.							
975 -900	ı							-   -						
925 950	ı						- [-	į				. 1	34	
975 1000		0.0	0.0	0.0	0.0	2=	0	i				ند	., O 1.	

TALLE 462

MOTOSCOPELUS	<b>ELONGATUS</b>	NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1	ı
DAY		SAPPLES WITHIN 1.50 HOURS OF SUNRISE OR SUNSET EXCLUDED	•

SIZE MM		DEP	THS SAMPL	ED (#)		
	150	235	375	500	700	940
36 37 38 39 40 41 42 43 44			•	0.5		
46 47 48 49 50 51 52 53 54			C.3	0.5		,
NC./HOUR	C.0	c.e	0.3	1.5	0.0	0.0
NO. HOURS	3.0	2.0	3 • C	2.0	3.0	3.0
NC. SPEC.	0	C	1	3	0	0
NG. SAMPLES	3	2	3	2	, 3	3

TABLE 463

NOTOSCOPELUS ELONGATUS DAY

\* \* \* 4.

SIZE		DEP	THS SAMPL	ED (M)				
777 777	SURF	100	150	200	300	400	600	1000
37 38 39 40 41 42 43 44 45 46								1.0
					:0.0	0.0		
NO./HOUR	0.0	0.0	0.0	0.0	:0.0	0.0	0.0	3.0
NG. HOURS	2.0	2.0	1.0	2.0	-2.0	3.0	5.0	= <b>1.0</b>
NO. SPEC.	Ō	0	0	0	0	0	-0	3
-MA. CAMBI EC	•	•		,	,		:1	

NUMBER OF SPECIHENS PENSHOURS IN DISCRETE DEPTH SAMPLES FROM HED-2-SAMPLES WITHIN 1-50 HOURS OF SUNRISEEOR SUNSET EXCLUDED

			,							
TABLE 464										
NOTOSCOPELUS NIGHT:	ELONGATUS		NUMBER (	OF-SPECIA WITHIN 1	IENS PER I	HOUR-IN DI S OF SUNR	ISCRETE DI ISE OR SUI	EPTH SAMPL SETEXCLU	ES FROM	MED S
SIZE "			SAMPLED	CMI						
	SURF	12	45	100	150	200	400	<b>600</b>	800	1000
42 43 44 45 46 47 48 49 50 51 52 53 54 55 57 58 59 60 61 62 63		-	1+0	1.0						
64 , 65 , 66					0.3					
67 68 69		_1	0.5							
70 71			0.5							
NO./HOUR	-0.0	0.0	2.0	1.0	0:3	0.0	0.0	0.0	0.0	0.0
NOHOURS	11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.0
NO. SPEC.	0 .	0	4	1	1	0	-0	0	0	0
NO. SAMPLES	<b>24</b> .	3	1	1	3	3	2	1	- <b>3</b>	Š
TABLE 465 NOTOSCOPELUS NEGHT	ELONGATUS		NUMBER=( SAMPLES	ŌF SPECIA ENTHIN 1	IENS PER I	10UR IN DI 5: QF-SUNRI	ISCRÉTE DI ISEÉOR SUN	EPTH=SAMPL ISET EXCLU	.ES=FROM    DED=	HED 3-
SIZE		DEPTHS	SAMPLED	:(H)						
MM	SURF	50	100	<b>150</b>	200	-300	400	500	600	750
34			1.0			-	-	-	-	

TABLE 466. ALL SPECIES COMBINED. STATION 1, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SURRISE OR SURSET EXCLUDED.

**\**/

1000	150	235	375	Sampled (	m) 700	940		
6	<del></del>			300	700	940		
7 8 9	0.3		0.7 1.0	1.0				
9			2.3 0.3		1.3 4.6			
10 11				1.5	2.6	5.3		
11 12 13- 14		0.5	2.7 10.7	11.0 33.5	4.3 8.3	6.7 0.3		
13-		0.5	8.0 5.3	28.0 25.0	24.5 50.5	0.3		
15 16-			9.7	33.5	70.7	0.7 2.0		
17 18	0.3	0.5	13.0 14.0	56.5 51.5	95.1 58.3	5.3 11.3		
18 19			19.3 25.7	56.5 75.5	31.0	10.0		
20-	0.3		25.7	88.5	25.4 23.8	8.0 8.3		
21 22- 23	0.3 0.3		26.0 18.3	70.5 66.0	20.2 22.3	6.7	,	
23 24			10.7	42.5	26.3	3.7 0.7		
25			4.0 2.7	23.5 10.5	17.9 8.3	0.3		
26 27			0.7 0.7	3.0	8.3 4.3			
28 29			1.0	2.0 1.0 4.5	3.0 1.7	0.3 1.0		
30			0.7 0.3	4.5 1.0	1.6 1.3	-		
31 32				2.5	1.7			
32 33			0.7	0.5 0.5	1.7 2.0	0.3		
34 35	0.3			0.5 1.0 0.5	4.3	0.3		
36 37				1.0	2.0 3.9	1.3 1.3		
38 <sup>-</sup>				0.5 1.0	3.0 0.3	0.3		
39- 40	0.3	-0.5		0.5	0.5			
41	0.5	-0.5				0.3 1.0		
42 <b>4</b> 3				0.5 0.5	0.3	0.3		
44				0.5				
46						0.3		
48-			0.3			0.0		
49 50				0.5				
-			0.3	0.5				
52 -			0.3		0.3			
54				0.5				
56			0.3	-				
57 58-			***	0.5				
-				0.5				
60 61					0.3			
62 63				1.Ô	0.3	0.3		
64 64				1.0 0.5		3.0		
- 66			0.0	V.0				
_			0.3					
69 70	0.3 0.3							
•	U,3							
72 -						0.3		
79					-0.3			
80					-0.3			
85	0.3						•	
117					0.3			
120	0.3							
133	٠.٠						٠.	
-					<b>=0,3</b>		r,	19
190						0.3		
No./Hour No. Hours	3.7 3.0	2.0	205.7	701.0	529.0	77.7		
		2.0						

# TABLE 467. ALL SPECIES COMBINED. STATION 2, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size	5		De	pths Sa	mpled (m	)			7
·	Suri	100	150	200	300	_400	800	1000	
7 8					1.0	0.7 1.3			
9 10		2.0	1.0		1.5 2.0	1.0	1.0	20.0	
11		0.5	1.0		1.5		19.5 18.0	30.0 5.0	
12 13					0.5	0.7 0.3	1.5 4.0	1.0 6.0	
14			1.0		2.5 5.5	0.7	17.0	9.0	
15 16		0.5	1.0		11.5 9.5	3.3 -6.0	53.5 103.0	10.0 15.0	
17		0.0			11.5	2.7	111.0	34.0	
18 19			2.0		4.0 4.5	8.3 18.0	109.0 92.5	39.0 30.0	
20					2.5	18.3	56.0	31.0	
21 22		0.5		0.5	2.0 1.5	9.3 7.7	43.5 22.5	11.0 6.0	
23		0.5			_,,	2.7	14.0		
24 25					0.5	1.7 0.7	2.5	2.0 2.0	
26						1.0	1.0	2.0	
27 28		1.0				1.0 0.3	2.5 1.0	1.0	
29 30		0.5				0.3	1.0		
31		0.5				0.3 0.3	2,5 1.0		
32₌ 33						0.3	1.5		
34		0.5					1.0 0.5		
35 36		0.5				0.0	1.5₌		
37		0.5				0.3	0.5	2.0	
38 39	•	0.5			0.5		2.5 0.5	$ar{ extbf{2}}$ . 0	
40					0.5		0.5	2.0	
41 42		0.5					0.5 0.5		
42 <u>-</u> 44							0.5		
44 45-						0.3	0.5		
-							0.0		
47	*							1.0	
52	*	0.5							
5 <u>3</u>	•					-0.3			
59		0.5							
60 <sup>-</sup>		0.5							
63		0.5							
67-					0.5				
69					_			1.0	
-								1.0	
7 <u>1</u>							0.5		
74		0.5							
7 <u>5</u>					0.5				
83								1.0	
.1								-	
98				0.5					
114							0.5	,	A:Oc
134			•				0,5		198
No./Hour	0.0	10.0	5.0-	1.0	64.0	88.0	694.0	241.0	
No. Hours No. Specimens No. Samples	2.0 0 2	2.0 20 2	1.0 5 1	2.0 2 2	2.0 128 2	3.0 261 3	2.0 1388 1	1.0= 241 1	

## TABLE 468, ALL SPECIES COMBINED, STATION 3, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUMRISE OR SUMSET EXCLUDED.

6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 22 24 25 26 27 28 29 30 31 33 33 34 41 42 44 44	0.2 0.5 0.3 0.2 0.8 0.8 0.5 0.3 0.2	2.5 1.5 1.0 0.5 1.0	0.2 0.2 0.5 0.2	1.0 5.5 7.5 5.0 6.0 9.5 3.5 6.0	0.3 0.3 0.3 3.7 4.0 6.3 2.3	0.3 1.0 8.7 48.0 46.0 39.7 51.7	2.3 3.0 3.7 7.3 5.3	0.5 0.5 0.5 3.5 6.5 9.5	0.2 0.2 3.4 3.9
8 9 10- 111 12- 13- 144 15- 166- 17- 18 19 20 21 22 22 22 22 24 26 37 30 31 33 33 34 33 34 33 34 41 42 44	0.5 0.3 0.2 0.8 0.8 0.5 0.3 0.3	1.5 1.5 1.0 0.5	0.2 0.2 0.5 0.2 0.3	5.5 7.5 5.0 6.0 9.5 3.5 6.0	0.3 3.7 4.0 6.3 2.3	1.0 8.7 48.0 46.0 39.7 51.7	3.0 3.7 7.3 5.3	0.5 0.5 3.5 6.5 9.5	0.2 3.4
10- 112- 113- 114- 115- 116- 117- 118- 120- 121- 122- 122- 122- 123- 123- 123- 123	0.3 0.2 0.8 0.8 0.5 0.3 0.2 0.2	1.5 1.5 1.0 0.5	0.2 0.2 0.5 0.2 0.3	5.5 7.5 5.0 6.0 9.5 3.5 6.0	3.7 4.0 6.3 2.3	8.7 48.0 46.0 39.7 51.7	3.0 3.7 7.3 5.3	0.5 0.5 3.5 6.5 9.5	0.2 3.4
18 19 20 21 22 23 24 25 26 27 28 29 30 31 33 33 34 35 36 37 38 39 40	0.8 0.8 0.5 0.3 0.3 0.2 0.2	1.5 1.5 1.0 0.5	0.2 0.2 0.5 0.2 0.3	5.5 7.5 5.0 6.0 9.5 3.5 6.0	3.7 4.0 6.3 2.3	8.7 48.0 46.0 39.7 51.7	3.0 3.7 7.3 5.3	3.5 6.5 9.5	0.2 3.4
18 19 20 21 22 23 24 25 26 27 28 29 30 31 33 33 34 35 36 37 38 39 40	0.8 0.8 0.5 0.3 0.3 0.2 0.2	1.5 1.5 1.0 0.5	0.2 0.5 0.2 0.3	7.5 5.0 6.0 9.5 3.5 6.0	4.0 6.3 2.3	46.0 39.7 51.7	7.3 5.3	6.5 9.5	3.4
18 19 20 21 22 23 24 25 26 27 28 29 30 31 33 33 34 35 36 37 38 39 40	0.5 0.3 0.3 0.2 0.2	1.5 1.5 1.0 0.5	0.2 0.5 0.2 0.3	6,0 9.5 3.5 6.0	6.3 2.3	51.7	5.3 17.2	9.5	3.4
18 19 20 21 22 23 24 25 26 27 28 29 30 31 33 33 34 35 36 37 38 39 40	0.3 0.2 0.2	1.5 1.0 0.5 1.0	0.5 0.2 0.3	3.5 6.0	2.3			13.0	4.7
18 19 20 21 22 23 24 25 26 27 28 29 30 31 33 33 34 35 36 37 38 39 40	0.3 0.2 0.2	1.5 1.0 0.5 1.0	0.5 0.2 0.3	6.0	4.0-	50.3 46.3	19.9 9.2	11.0 14.0	9.3 10.8
20 221 222 23 24 25 26 27 28 29 30 31 33 33 33 33 33 34 40 41 42 44 44	0.2	0.5 1.0	0,3		1.0	63.3	15.8	14.0	5.4
24 25 26 27 28 29 30 31 33 33 34 35 36 37 38 39 40	0.2		~ ~	9.0 10.5	1.3 2.0	69.7 53.7	24.7 29.7	11.5 7.0	4.9
24 25 26 27 28 29 31 31 33 34 35 36 37 38 39 40 41 42 42 44	0.2		0.2	1.5 1.5	1.3	25.3 7.0≕	34.0- 10.9	11.5- 8.5-	1.5 1.5
28 29 30 31 32 33 34 35 36 37 33 39 40 41 42 43			0.2	0.5	0.7	2.0	4.0	7.5- 4.5	1.2
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43			0.2		0.7	1.0	0.3	2.0	0.7 0.7
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43					0.7	1.0	0.3	2.5 1.0	0.7 0.7
31 32 33 34 35 36 37 38 39 40 41 42 44 44 44 44		0.5	0,2 0,2		0.3	1.0	0.3	1.5	1.0
32 33 34 35 36 37 38 39 40 41 42 42 43	0,2	0.5	٧,2		0.3		0.3	1.5	0.5
34 35 36 37 38 39 40 41 42 42 43			0.2		0.3		0.3 0.3	1.5	0.2
38 39 40- 41 42 43 44						0.3	0.7	0.5	0.2
38 39 40- 41 42 43 44				0.5					0.5
38 39 40- 41 42 43 44						1.3 0.3	0.7 0.7	0.5 0.5	
40- 41 42 43 44			0,2		0.3	0.3-	0.3 0.7		0.2
42 43 44			~,		2.0	0.7	0.7		0.2
44		0.5				0.3	0.3 0.3		
				0.5		0.3-	0.3-	0.5 0.5	0,2
45 46		-0.5		٠.٠			0.3		0,2
47							0.3 0.7	0.5	
<u>-</u> 49-			0.3				0.7		
50	0.2		- • •			0.3	0.3		0.2
52	0.2								
53 54	0.2						0.3 0.3		
5 <u>5</u>		1.0	-0.2						
57 58	٠.٠					0.3	0.7		
59	0.2 0.2								_
60 61			0.2				0.3	0.5 0.5	0,5
61 62 63		0.4	~· <b>-</b>				0.7	7.0	
-		0.5				0.3			
65 66			0.2			0.3			
-			- <del>-</del>						
<b>68</b> 69							0.3 0.3		
70 71			-0.2	0.5					
72						0.3			
74	0.2								
78							0.3		
89		1.0							
-		2.0					• •		
97							0.3	0.5	
00			0.2						
18								0.5	
21			0.2						
24							0:3	0.5	
-							0,3	0.5	
.28									0.2
lo./Hour lo. Hours lo. Specimens							_		

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TABLE 469. ALL SPECIES COMBINED. STATION 4, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size	Depths San	npled (m)
mm	500	700
	-	1.0
7		1.0
-	1.0	
10	1.0	
11	5.0	7.0
12	23.0	7.0
13	44.0	10.0 8.0
14	68.0	3.0
15	51.0	
16	30.0	5.0
17	22.0°	5∙.0 7.0
18	27.0	
19	45.0	6.0
20	54.0	6.0 <b>5</b> .0
21	43.0	5.0
22	14.0	6.0
23	6.0	8.0
24	4.0	5.0
25	4.0	1.0
26	2.0	2.0
27	1.0	2.0
28		1.0
29	1.0	
_=		1.0
<b>37</b>		1.0
<b>4</b> 0	<b>1</b> 0	
	1.0	
<b>5</b> 9	1.0	1.0
-		
No./Hour	447.0	90.0
No. Hours	1.0	1.0
No. Specimens	447	90
No. Samples	ī	1

TABLE 470. ALL SPECIES COMBINED. STATION 5, DAY: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size		1	epths Sa	ampled (m	1)	
mm	160	250	340	410	495	675
8			-		1.0	
-						
11						3.0
12						1.0
13	1.0				1.0	3.5
14					2.0	8.0 3.5 2.5 1.0 2.5 8.0 5.0
15			*		1.0	3.5
16						2.5
17	1.0	1.0				2.5
18:					1.0	1.0
<b>19</b> <sup>1</sup>	•				2.0	2.5
<b>20</b> 1						8.0
21						5.0
<b>22</b> :						3.5
23					1.0	0.5
<b>24</b>		•				0.5
 29⊧						0.5
<del>-</del> 38:						
38:	1.0					0.5
39			•			0.5
<b>4</b> 0-						0.5
. <del>.</del> .						
<b>46</b> :						0.5
90						
		1.0				
98						
98 <sup>-</sup>			1.0			
102						0.5
No./Hour No. Hours	3.0 1.0	2.0 1.0	1.0 1.0	0.0	9.0 1.0	48.0 2.0
No. Specimens		2	î		9	96
No. Samples	3 1	2 1	1	0 1	9 1	2
	_	_	-	-	<del></del>	_

# TABLE 471. ALL SPECIES COMBINED. STATION 1, NIGHT: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

m,m	25	40	70	the Sampl	190	235	400	700
5			•				0.3	
						0.3	1.7	
- 7 8			1.0 2.6	1.3		0.3	1.3	0.7
9 9			2.0	0.7		1.3	0.3	2.0
Ŏ			3.0	1.0		4.3	0.3	4.0 2.0
9 0 1 2			3.0	1.0		1.0	2.3 18.7	2.0
2 3			8.0	2.7		0.7 2.3	15.3	4.3
4			15.0	1.0		1.7	11.0	12.6
.5		1.0	9.0	0.3		1.0	10.3 12.7	13.6 21.4
.6 .7 -	1.0 3.5		8.0 7.0	0.3 0.3		0.7 0.7	8.3	18.4
8	4.0	3.0	3.0-	0.3		0.3	14.7	14.6
9	2.0	4.0	3.0	0.7			24.0	12.9
0		7.0	3.0		1.0	$\frac{1.7}{1.3}$	26.0 21.0	6.7 7.2
1 2		4.0 3.0	4.0- 7.0		1.0	2.3	13.3	4.3
3	1.0	1.0	7.0	0.3		1.3	4.3	8.6
4			4.0			1.3	1.0	3.3
5 6		1.0	6.0		4.0	· 1.0	1.3 1.0	2.4 0.7
6 7	1.0		13.0 8.0	0.3		0.3	0.3	1.3
8		4.0	12.0	0.3	1.0-	0.3	0.3	0.3
9	_ =	1.0	7.0	2.3				
0	0.8	1.0	5.0	1.0 1.0	1.0			0.7
1 2		4.0	5.0 3.0	0.7		_		0.3
12 13		1.0	4.0	-1.0		0.3		0.7
4		1.0	4.0	1.7	1.0			0.3
5		3.0	3.0	3.3 1.7	3.0 5.0			1.0 0.3
16 17		1.0	8.0	1.3	1.0			٠,٠
8			2.0	0.7	1.0			
9		2.0	1.0		•			
0	1.0	2.0	1.0	0.7 0.7			0.3	
1 2		2.0	1.0	0.7			0.0	
3	1.0		1.0	0.7				
4		1.0	4.0	0.3	1 0	Ā a		
5 5	0.8	1.0	2.0- 1.0	0.7	1.0-	0.3		
•	1,0		1.0					
; )		1.0						0.
1 2		1.0		0.3				0.3
		1.0		0.5				
ļ		1.0						
- 3								0.:
<del>-</del> 0							0.3	_
1								0,:
		1.0						
4 -		1.0						0.
Đ <u>-</u>								0.
'5 -								0.3
12 					1.0			
4							0.3	_
B6					1.0			0.
87			•	0.3				
91			1.0					·0-
								U.
25								0.

179.0 1.0 179 1

52.0 1.0 52 1

No./Hour 17.1
No. Hours 1.1
No. Specimens 18
No. Samples 2

29.7 3.0 89 3 202

150.9 3.0 456 3

25.0 3.0 75 3

21.0 1.0 21 1 191.0 3.0 573 3

## TABLE 472. ALL SPINES COMBINED, STATION 2, NIGHT: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUMBET EXCLUDED.

₫. 1<sup>×</sup>

SIZE		2 45	Dept 100	he Sang	1ed (s	400	600	800	1000
6 7 8 9		0.5 1.5 4.0		0.7		2.5 5.4 1.0		1.3	= = -
10 11 12	2 0 2	.3 6.5 .2 7.0 .7 3.5 .1 2.5 .2 3.5	1.0	0.7	0.3 1.7 0.7 0.3	0.5 0.5 0.5	9.0 30.0 14.0 7.0	15.6 8.0 4.0 4.6	0.3 0.7 0.7
10 11 12 13 14 15 16 17	7 10 0,2 17	7.0 3.0 0.0 10.5 7.1 15.0	1.0	1.7	2.0 3.3 6.3	2.5 1.5 1.0 1.0	14.0 28.0 41.0	9.3 22.6 35.3 35.6	1.7 5.0 13.0 18.7
18 19	0.3 40 0.3 45 0.2 38	3.8 16.5 3.7 21.0 5.0 16.0 3.6 12.5	1.0 2.0 3.0	2.0 2.3 2.0 0.3	1.3	1.9 2.0 5.4	14.0 19.0 37.0 89.0	37.3 31.3 16.6	22. 29.7 16.3
20 21 22 23 24	0,2 20 0,3 19	0.6 4.5 0.9 7.0 0.5 3.5 0.7 2.0	6,0 5.0 7.0 3.0	0.3 0.3	0.7 0.3 2.0	2,0 1.0 0.5 1.4	96.0 96.0 71.0 26.0	8.0 4.0 2.0 1.0	8.3 3.0 2.0 0.7 1.3
24 25 26 27 28 29 30	0.08 0	0.7 2.0 0.7 3.0 1.5 1.5 0.5 2.0	4.0	0.7	0.3	1.0	5.0 1.0	1.0 0.7 0.7 0.3 0.7	0.3
31	0.2 0 0,2 1	1,2 4.0 1.9 1.5	1.0 3.0 1.0 4.0	0.3 0.7 0.3 0.7	0.3 0.3 0.3	0.5	1.0		0.7
32 33 34 35	0.4 0 0.3 1	1,2 1.0 0.7 3.5 0.5 1.5 1.4 3.0 2.0	3.0 1.0 3.0	0.3	V.5	0.5		0.7	0.3
36 37 38 39	0.1 0.4 0.3 0.4	1.6 2.5 1.5 0.5 2.0	2.0 1.0 1.0		0.7 0.3		1.0		0,3
40- 41 42 43	0.3 0.2 0.08	1,4 1,5 1,0 0,5	1.0		0.3	0,5			
44- 45 46 47-	0.4 0.2 0.08 0.3 0.3	0.7 1.5 0.5 1.0	1.0	0.3	0.3	0.5		0.7	
48- 49- 50 51	0.3 0.4 0.4 0.6	2.0 1.0 0.5 1.0 2.0		0.3					
52 53 54	0.3 0.2 0.3 0,3	1,0					1.0	0.3	
55 56 57 58-	0.2 0.2 0.2 0.3	0.5 0.5 1.5 2.0						0.3	
59 60 61 62	0,08 0,08 0.4	1.0 0,5							
63: 64 65	0.08 0.1 0.2	0,5 0.5		0,3				0,3-	
67 88- 69- 70-	0.08	0.5 1.0						0.3	0.3
71- 73=		0,5						0.3	
75 - 77 78	0.08 0.2 0.08								
81 82 84⁵	0.2	0.5			0.3	,			
87	0.08				0,3	0,5			
90 96	0.08								0.3
101 102 104		0.5 0.5							0.3
105 108		- 10		0.3					0.3
114- 119	0.08	0.5							
126- 178-								0,3	0.3

12.0 259.6 197.0 56.0 17.9 26.7 38.1 600.0 242.5 126.3 11.9 1.5 2.0 1.0 3.0 3.0 2.1 1.0 3.0 3.0 140 391 394 56 54 80 78 600.7 729 379 24 3 1 1 3 3 2 1 3 3 3

No./Hour No. Hours No. Specimens No. Samples 203

TABLE 473. ALL SPECIES COMBINED. STATION 3, NIGHT: NUMBER OF SPECIMENS IT HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Surf	50	100	150	200	300				
					300	400	500	600	750
						1.7			
				0.5		1.7			
						0.3		0.7	0.3
		1 0				0.7	3.7	0.7	1.7
				0.5	3.3	0.7			4.0
	0.9	2.0		1.0	3.0	2.6	21.3		10.7 10.7
	1.8	2.0		1.5	0.3	3.6	28.7	8.3	9.3
	2.8		0.3	2.0		2.3	33.0		10.4
0.03	1.8	5.0	1.0	3.5		2.3			14.6
	7.4	5.0		2.5	1.3	0.7	52.0	26.0	5.0
	3.7	2.0		1.5	0.3	1.0		28.0	3.3
0.03	4.6	2.0			1.0	0.3			2.7
0.03			0.3	0.5	2.3	0.6	0.7	2.0	0.6
0.2	1.8	1.0		1.0	0.7		1.3	0.3	
0.07		2.0		1.0	-0.3	0.3	0.3	0.3	0.6
	• •	1.0	0.3		0.7	0.3		0.7	
0.2		1.0	0.3	0.5	0.7	0.3	0.3	1.3	0.4
0.1	0.0	4.0			0.3	0.3	0.3	Λ 2	0.6
0.03		2.0	0.3	0.5	0.5		0.3		0.3 0.3
0.03	0.3		0.7					1.3	0.3
0.1	<b>7</b> 3-9		0.7			0.3			
0.2	• • •		1.0						
	0 - 0		0.3						
	0.9	1.0					0.3	0.3	
0.1	0-9	1.0	0.5						
							0.3		-0.3
0.2									٠.٠
0.07		1.0				0.3			
0.03			_						
0-03			0,3				0.7	0.3	0.6
	0.9						0.3		
• • •								-0.3	
	0.9								
0. 54									0.3
0.04	*		0.3					0.3-	
					0.7				
	0-9					0.6			
0.02	0.0				0.3	0.3			
0.03					0.3	0.3			
						0.3			
	0.9	• -		0.5	0.7	0.3			
		1.0		A =					
				V.5	0.3				
			0.3		0.3			-0.3	
					0.3		0.7	-,0	
						0- 3			
						Oig			
							0.3	0.3	
	0.9								
		1.0				0.3			
			0.3						-0.1
			0.3						
				0.5					0.3
									0.3
		1.0							
	0.03 0.03 0.03 0.03 0.03 0.07 0.06 0.1 0.2 0.10 0.10 0.1 0.1 0.1 0.2	0.03	1.8 0.9 2.8 3.0 0.03 1.8 5.0 0.03 7.4 5.0 0.03 4.6 0.03 3.7 2.0 0.03 4.6 2.0 0.07 0.06 0.1 1.8 1.0 0.2 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.1 0.2 0.07 0.1 0.1 0.2 0.07 0.1 0.1 0.2 0.07 0.07 0.07 0.07 0.07 0.07 0.07	0.9 2.0 1.8 0.9 2.0 0.3 2.8 3.0 1.0 0.03 1.8 5.0 1.0 0.03 4.6 0.03 3.7 2.0 0.03 1.8 1.0 0.3 1.8 1.0 0.3 1.8 1.0 0.3 0.1 1.8 1.0 0.3 0.1 0.2 0.9 4.0 0.1 0.03 0.9 1.0 0.7 0.1 0.9 1.0 0.7 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.3 0.3 0.03 0.9 0.9 0.9 0.9 0.03 0.9 0.9 0.9 0.03 0.9 0.9 0.9 0.03 0.9 0.9 0.9 0.03 0.9 0.9 0.9 0.03 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.	0.9 2.0 1.5 1.8 0.9 2.0 0.3 2.0 0.03 1.8 5.0 1.0 2.5 0.03 4.6 0.0 3.5 0.03 4.6 2.0 0.5 0.03 4.6 2.0 0.5 0.03 0.9 1.0 0.3 0.5 0.2 0.0 1.0 0.3 0.1 1.8 1.0 0.3 0.2 0.9 4.0 0.3 0.1 1.8 1.0 0.3 0.2 0.9 4.0 0.3 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.7 0.1 0.9 1.0 0.7 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.3 0.1 0.9 1.0 0.3 0.3 0.9 0.9 0.03 0.9 0.9 0.9 0.04 0.3 0.5 0.3 0.9 0.9 0.05 0.9 0.5 0.07 0.07 0.07 0.03 0.03 0.9 0.9 0.5 0.03 0.9 0.9 0.5 0.03 0.9 0.9 0.5 0.03 0.9 0.9 0.5 0.03 0.9 0.9 0.5 0.03 0.9 0.9 0.5	1.0	0.5   1.7   1.9   0.3   0.5   0.3	0.5	0.5   1.7   1.9   0.3   0.7   20.3   3.0   3.0

8.3 24.5 3.0 2.0 25 49 3 2

20.0 3.0 60 3 27.9 3.1 85 3 343.7 3.0 1031 3 161.0 3.0 483 3 82.3 3.0 248 3

No./Hour 2.5 No. Hours 29.0 No. Specimens 76 No. Samples 58

45,2 1.1-49 1 49.0 1.0 49 204

TABLE 474. ALL SPECIES COMBINED. STATION 5, NIGHT: NUMBER OF SPECIMENS PER HOUR IN DISCRETE-DEPTH SAMPLES. SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED.

Size				Depths	Sample	d (m)			
mm	Surf	50	80	135	155	250	325	425	510
6 7 8								3.0 5.0 3.0	1.0
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	1.1 9.0 7.1 6.4 8.1 6.5 4.0 1.2 0.5 0.8 0.1	1.0 1.0 1.0 3.0 3.0	1.0 1.0 2.0 1.0 5.0 1.0 3.0 7.0 10.0 9.0 8.0 3.0 2.0 2.0 2.0	2.0 1.0 1.0 2.0 1.0 2.0 3.0	2.0 3.0 3.0 1.0 1.0 1.0	1.0 2.0 2.0	1.0 1.0 1.0	1.0 1.0 12.0 29.0 28.0 26.0 9.0 3.0 4.0 1.0	2.0 11.0 18.0 20.0 13.0 15.0 7.0 7.0 2.0 2.0 1.0
29 30 31 32 33 34 35 36 37	0.4 0.3 0.3 0.1 0.1 0.09 0.1 0.3		1.0 2.0 2.0 1.0	1.0 1.0 1.0 1.0	1.0			· 1.0	1.0
39 40	0.1		1.0	1.0					
- 42			1.0	-•-					
45 46		1.0	1.0 1.0	1.0					
50 51 56			1.0 1.0 1.0		1.0				
58								1.0	
60									1.0
74									1.0
. 89 90		1.0 1.0							
153							1:.0		205
No./Hours No. Hours No. Specimens No. Samples	49.0 7.8 393 15	14.0 1.0 14 1	79.0 1.0 79 1	18.0 1.0 18	15.0 1.0 15	6.0 1.0= 6	4.0 1.0 4	130.0 1.0 130 1	103.0 1.0 103 1

#### APPENDIX 4

Tables 475 - 613

Swimbladder Data for Individual Species

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	Tables
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The tables in this appendix are supplemental to the data analyzed in Part 4 of the Text. Each table presents catch rate as a function of depth of capture and volume of swimbladder. For each species with sufficient data, tabulations for day captures are followed by those for night; within each diel period, the tables are arranged numerically by station. Methods for calculating swimbladder volume are described in the Materials and Methods section of Part 4 of the Text, and for calculating catch rate in the Materials and Methods section of Part 3 of the Text.

							>•
TABLE 475							•
CYCLCTFOME I	PAUER 1						N CISCRETE CEPTH <b>SAMPLUS PROM.MPD 1</b> Se CR Sunset excluded
ACTALE COUST ACTALE		DE	PIHS SAPP	LED (P)			•
•••	150	235	37:	500	7.23	94.	
1			141.7	464.5	56.2		
AC-/+CUR	C.C	c.c	161.7-	464.5	90.2	U+0	
MC. HCURS	3.0	2.0	2.C	2.;	3.)	3.	
NC. SPEC.	¢	c	545	965	207	2	, •••
. AC. SAPPLES	3	;	ŧ.	,	1	•	* * * * * * * * * * * * * * * * * * *

TARLE 476										
CYCLCTICAE	erauer i						43813 Al 6 as 3644		SAMPLES FROM MED 2 LUGED	
VCLUPE CUEIC		บย	PIRE SAPPL	.tC (+)						
**	SURF	icc	150	ŽČČ	36.	4 + 3	<b>6</b> *	16.42	•	
1					••	71.3	, .	5.C		
AC./FCUR	C-C	c.c		C+1	r.	11.1	7	5.5		
NC. FCURS	2.0	2.C	1.0	2.5	2.1	144	2.,	1.0		
AC. SPEC.	Ç	c	c	4	12	414	151	5		
-AC. SAPPLES	2	ï	1-	*	•		1	1		

Eraŭeri	*	ALFME	h (F 5011	PELĀČĒLFJ N. 125. prim	+}+ +(U# √S-(F \d)	M)213 Al 6 4) 3216	EIE CEPTH UNSET-EXCE	SAMPLES (	IKÚM MED 3:
		SAPPL	es milati		-3 (, 30				
	DEP	IHS SAPFL	FO (+)						
sc.	100	150	šcc	3.	431	5 ).1	ect	-75:	1166
				61.7	410**	419.5	145.2	11.0	C.5
C.C	c.c	C.C	2.4	61.	2000	499	145-2	11.:	C.5
2.0	£.C	ź.Č	ě٠¢	2.0	3.7	3.1	3.0	2.0	3.G
c	c	- <b>c</b>	c	122	63	1457=	452	55	1
. 2	ė	2	6	2	3	3-	3	s	2
	erayeri sc c.c 2.0 c	### DEP   SC   ICC    C.C   C.C    2.G   E.C    C   C   C    C   C   C    C   C   C	### SAPPL  DLP1HS SAPPL  50 100 150  Cac Cac Cac 2a0 6a0 2a0 C C C	######################################	######################################	### PRAYER   ALPHER CF SAFFELACTIFS FEEF FROM SAFFLES WITHIN 135 FLUWS CF SUN    ### DEPTHS SAFFLED (F)  ### SO ICC 15C 2CC 3. 437  ### Cac C.C C.C C.C 2 61 23  ### 24.0	######################################	######################################	### PRAYERS   ALPHEN (F SAIPELACTIFS PER FOUR IA CISCRETE CEPTE SAMPLES IN SAMPLES IN SAIPE SAIP



TAELF 478

CYCLCTHCAE EMAUERI ALMBER LE SMIPPLAUCENS FER HOUR IN DISCIETE CIPIL SAMPLES FROM MED 4

CAY SAMPLES MITHIN 1.5 HOURS OF SUMMISS OF SUMMISS EXCLUDED

COEIC ACTORE DEPTHS SAPPLED (F) 500 700 ı 367.0 16.C MC./FCUR 367.0 18.0 AC. FEURS 1.5 1.0 AC. SPEC. 361 NC. SAPFLES



TABLE 479

CYCLETHENE BRAUBAT ALVAR OF SHIMBLALTERS PLA HOU. IN ALSTRATE CEPTH SAMPLES FROM 3" - 5
SAMPLES ATTAIN 1.2 MOUS OF SUPELIA CEPTH SAMPLES FROM 3" - 5

COEIC ACTRAE	JEPIES SAPPLED (8)									
	160	250	246	41%	477	o <i>1</i> =3				
1					7.	ε <b>?•</b> ⇒				
AC./FEUF	c.3	€€C	• (		1.,	2000				
AC. ECUPS	1.0	1.3	1.0	1.	1.	5•				
AC. SPEC.	•	r	¢	ĸ	7	45				
AC. SAPPLES	1-	1	ı	1	1	2				

TABLE 480

NIGHT CACTOLHONE	SU WAREL 1		:NUMBER= OF SWIMBLAGGERS=PER HÖUR IN DISCRETE EDEPTH SAMPLES- FROM MED = 1 SAMPLES = WITHIN = 1.5 HOURS OF SUMBISE OR SUMSET EXCLUDED									
COBIC ADTOME		-DEPTHS -SAMPLED=(P)										
MM	25	40-	-70	-150	190	235-	400	700				
1						1.0	176.7	34.4				
NC./HOUR	0.0	0.0	0.0	0.0	0.0	1.0	178.7	34.4				
NC. HOURS	1.1	1.0-	1.C	3.0	1.0	3.0	3.0	3.0				
NC. SPEC.	0	Ğ	c	•	0	3=	536	104				
		-1	•			•.	•	•				

<b>4</b> D	TARLE	481

CYCLOTHONE NIGHT	PRAUER I	AUMBER CF SWIPBLACCERS FER HOUR IN DISCRETE-CEPTH-SAMPLES FROM-MED 2 SAPPLES WITHIN 1.5 HOURS CF SUARISE OR SUNSET EXCLUDED
VCLUPE		

VCLUPE CUBIC NM		DEF	THS SAPPE							
	SURF	12	45	100	150	200	400	600	800	1000
1							11.2	564.C	11.7	4.7
AC./FCUR	C.C	0.0	0 • C	C.C	C.0	0.0	11.2	564.C	11.7	4.7
AC. FOURS	11.5	1.5	2.C	1-C	3.0	3.0	2-1	1.0	3.C	3.C
AC. SPEC.	c	c	c	c	0	0	23	564	35	14
AC. SAPPLES	24	3	1	1	3	3	2	1	3	3

TAPLE 462

CYCLCTFONE ERAUER 1	AMPSER OF SHIPPLACTERS PER HOUR IN DISCRETE CEPTH SAMPLES FROM MED 3
NIGHT	SAMPLES WITHIR 1.5 HOURS OF SURFISE OR SURSET EXCLUDED

ACTURE -COBIC -COBIC		.ED ()								
F1/4	SURF	5C	100	150	200	300°	400	500	60C	750
1						0.3-	12.8	332.7	145.C	12.6
AC-/HCUR	C.C	C.C	C.C	C• C	-0.0	0•3	12.8	332.7	145.G	12.6
NG. HOURS	25•Õ	1.1	1.0	3.C	2.0	3.0	3.1	3.C	3.C	3.0
NO. SPEC.	0	c	c	-0	0	į	39	598	435	36
AC. SAPPLES	5ē	1	1	3	2	3	3	3	3	3

TABLE 483

CYCLOTICNE	ALMBER OF SWIPPLACCERS PER HOUR IN DISCRETE CEPTH SAMPLES FROM MED 5 SAPPLES WITHIN 1.5 HOURS OF SURRISE OR SUNSET EXCLUDED
	annual manual and annual annual and annual

VCLUPE CURIC MM		CEP	THS SAPPL	.ED (F)					
	SURF	-5C	80	135	155	250	325	425	51C
1								107.C	93.0
-MC+/HGUR	C∙₫-	-C.O	0.C	C.C	0.0	0.0:	0.0	-107.C	93.C
AC. HOURS	7.8	1.C	1.0	1.0	-1.0	1.0	1-0	1.G	1.0
NE. SPEC.	Ģ	c	c	c	0	0	0	107	53
NC. SAMPLES	15	1	1	1	1	= <b>1</b>	1	1	-1

TARLE-LEL

1 MCF E- 404								
CYCLCTHONE PYO	NUPBER OF SWIPPLACCERS FER HOUR IN DISCRETE DEPTH-SAMPLES SAMPLES WITHIN 1.5-HOURS OF SUNRISE-OR SUMSET EXCLUDED							
MA COBIC ACFORE		CEF	THS SAPPL	.EC (P)				•
•••	150	235	375	50%	700	940	•	
1					228.1	55.3		
NC-/FCUR	C.O	Ç.C	c.c	c.c	228.1	55.3		
AC. FCURS	3.0	2.C	3.C	2 <sup>*</sup> • C	3.0	3•ა	•	
NC. SPEC.	0	c	c	c	688	106		
AC. SAPPLES	3	i-	3	5	3	3		

INELE 782									
CYCLCTHONE PY	NUMBER OF SHIPPLACCERS FEW HOUR IN DISCRETE CEPTH SAMPLES FROM MED 2 SAPPLES WITHIN 1.5 HOURS OF SUNRIDE ON SUNSET EXCLUDED								
VCLUPE CUBIC . MM		DÉ	PTHS ŠAPFI	LED (P) +					
· mm	SURF	100	15C	200	360	450	800	1000	
1							5.00.0	163.6	
AC./FOUR	C+C	ċ.ç	C÷C	Ç•¢	0.0	3.0	534.0	163.0	
NC., FCURS	2.0	2.0	1.0	2.0	2.0	3.0	2••)	1.0	
AC. SPEC.	C	ç	c	c	0	r	1000	163	,
NC. SAMPLES	Ž	ž	1	2	2	3	1	1	

TABLE 466 CYCLCTHONE PYGMAEA ALPHER OF SHIPPLACCERS FER HOUR IN DISCRETE CEPIN SAMPLES-FROM NEO-3 SAPPLES WITHIN 1.5 HOURS-OF SUNRISE OR SUNSET EXCLUDED COBIC ACTORE DEPTHS SAPPLED (P) 50 100 300 400 530 60C 750 1900 10.3 39.6 43.4 NC./FOUR C.V: C.C 0.0 :G.C 0.0 0.0 0.0 10.3 43.4 39.0 NO. HOURS 2.0 **6.**0 2.0 6.0 2.0 3.0 3.0 2.0 3.0 NC.-SPEC. - **C** C C 0 0 0 31 139 NO. SAMPLES 2 2 3

**``**,

FABLE 467

CYCLOTHONE PYCHAEA

DAY

ALMBER OF SHIPPLACCERS FEE HOUR IN DISCRETE CEPTH SAMPLES FROM MED 4

SAMPLES WETHER 1.5 HOURS. OF SUMMISE OF SUMSET EXCLUDED

MA . COSIC ACFREE DEPTHS SAPPLED (F) 5CC 7CC 1 42.0 22.0 NC./FCUR 42.0 22.0 AC. FCURS 1.C 1.0 NC. SPEC. 42 žŽ NC. SAPFLES 1 . 1

. : AELE 488

CYCLCTPUNE PYGNAEA

ALMOEF OF SWIMBLACCERS FEE FLUF IN DISCRETE DEPTH SAMPLES FAON MED 5

SAMPLES WITHIN 1.5 HOURS OF SUMMISE LA SUMSET EXCLUDED

-VCLUPE CURIC DEPTHS SAPPLED (F) MP-160 · 250 340 41¢ 675 455 18.5 1 NC ./ FCUR Ç.Ē 0.0 ٠. C.C NC. HOURS 1.0 1.0 1.0 2.0 NC. SPEC. ¢ c c Ç 36 NC. SAMPLES 1 -1-1 -1-2

TABLE 489

CVCLOTHENE: PYCHARA:

NUMBER OF :SWINDLACDERS: PER HOUR: IN DISCRETE: DEPTH SAMPLES: FROM RED 1

SAMPLES WITHIN 1.5 HOURS: OF SUMBISE OR SUMSET EXCLUDED

VOLUME DEPTHS SAMPLED (P) 70 150 700 25 40 -190 235 400 81.0 .. 0.0 0.0 1.0 3.0 3.0 3.0 1.0 ¢ 0 0 245 1 3 3 3 TARLE 490

CYCLOTHONE PY		ALMBER OF Shipplacders per hour in discrete cepth samples from med 2 samples mithin 1.5 hours of suarise or subset excluded										
MH COBIC ACTORE	DEPTHS SAPPLED (P)											
RF.	SURF	12	45	100	150	200	400	600	8CG	1000		
1								23.C	180.7	115.7		
AC-/FOUR	c.c	<b>c</b> .c	0.0	C.C	0.0	0.0	0.0	23.0	180.7	115.7		
NCHOURS	11.9	1.5	2.C	1.0	3.0	3.0	2.1	1.C	3.0	3.0		
NC. SPEC.	C	c	c	c	0	0	0	22	543	347		
NC. SAMPLES	24	3	1	1	3	3	2	1	3	3		

TABLE 491 ALMBER CF SUIPBLACCERS PER-HOUR IN DISCRETE CEPTH SAMPLES FROM MED 3 SAPPLES WITHIN 1.5- HOURS CF SURRISE OR SUNSET EXCLUDED CYCLOTHONE PYEMAEA NIGHT -4M O18UD E4UJA DEPTHS SAPPLED (P) 100 15C 200-300 500 600 75C SURF 50 400 1 3.C 47.C KC./HOUR C.C c.c 0.0 C.C 0.0 0.0 0.0 0.0 47.G AC. FCURS 25.C 1.1 1.¢ 3.C 2.0 3.0 3.1 3.0 3.C 3.0 c 0 0 0 ¢ 9 141 AC. SPEC. 0 C £ 3 NC. SAMPLES 58 1 3 2 3 3 3 3

GCACSTCMA DAY	CENUCATUM		NLMBE SAMPL	P-CF SbIP ES bithin	ELACCERS 1.5 HCUR	PEH HCUF S CF SUNF	IN CISCRET ISE CH SU!	SET EXCL	DDEC.	NON HED
COSIC		OEP	THS SAPPL	EC (+)						
44	5C	100	-150	200	300	400	500	600	750	1000
1 2 1							0.2 0.2 7.2			
6				<u>ز</u>	Sall Park				*	
7 8 9 10 11			1110	aple copy	The state of the s					
12 13 14		[9	pesi avai	lable						
15 16 17	٠.	`								
19 15 20 <b>21</b>							c • 2			
22 86								C.2		
NC•/+ČUR	c•ċ	C•C	C+C	c.c	J. J	2.0	-1 • 3	1.3	0.0	0.0
AC. =+CUPS	2.0	6.^	2 • C	6 • C	2.5	2.	3.0	3.0	2.0	3.C
AC. SFEC.	6	e	٤	c	•	J	4	1-	Ļ	0
NC. SAMPLE		ŧ	2	6	2	3	3	3	ě	4

TABLE 493										
CONOSTOMA NIGHT	DENUDATUM						IN DISCRE			ROM MED 3
MW CABIC AOFANE		DEF	THS SAMP	LED. (A) .		• • •				
•••	SURF	50	100	150	200	300	400 .	500 -	<b>600</b> ,	750
1				. 0-3		*,	•			
NO./HOUR	0.0	. 010	0.0	, 0-3	0.0	0.0 x	0-0-	0.0	0.0	0.0
NO. HOURS	29.0	1-1	1.0	3.0	2-0	3-0	3.1	3.0	310	3.0
NO. ŞPEC.	-0	0	•	1	Ö	0	• 1	•	0	`0
NO CAME SO		•	•	•	•	•	•	•	2	

TABLE 494									
ICHTHYCCOCCUS	QVATUS							ETE CEPTH : JNSET EXCL	OM MED ?
AUNDA Sibno An		DEP	THS SAPPL	ED (+)					
er.	SURF	100	150	200	300	400	800	1000	
12 13 14 15 16 17 18 19 20 21 22 23						0.3			
NC./FOUR	C • C	EC.€C	C.C	0 • Č	0.0	0.7	0.0	0.C	
NC. HOURS	2 • 0	2.0	1.0	2.G	2.0	3.0	2.0	1.0	**
NC. SPEC.	C	c	c	Ò	0	2	0.:	С	•
NC. SAMPLES	2	. 2	1	2	2	3	1-	1	

TABLE 495								ŧ		•
1CMT HYOCOCCUS	GVATUS		SAPPL	R OF Ship ES WITHIR	BLACCERS (	FEP HCUP- 5 CF SUMA	IN DISCRE	TE CEPTH HSET EXCL	SAMPLES FI UDED	YOM MES 3
VCLUPE		0691	INS SAPPL	<b>4</b> 0 (+)		,				
MM	50	iec .	190	500	300	400	500	400	156	1000
1 2 3 4 5 6				•			0.2		C.5	
\$ 9 10 11 12 13 14 15 16						0.3			•	
17' 19 19 20 21 22 23 24				,					×	
24 25 26 27 28 29						•				
30 31 32		•				0.3				
NC./FCUP-	č.c	ċ.s		0.0	c.s	3.7	0.3	c.c	C.5	C.C
AC. FCUPS	2.0	6.0	5.0	6.Ç	2.,,	3.2	3.	3.C	5.0	3.0
AC. SPEC.	c	ě	- <b>C</b>	с	?	2	1	· c	1	:
Le CAMBIES	,	-4	2	6	2:	3-	3	1	2	à

TABLE -496

4 1

ICHTHYOCOCCUS GYATUS NUMBER OF SUBMILABORES FOR HOUR, IN DISCRETE BEPTH SAMPLES FROM NED 3
NIGHT SAMPLES WITHIN R. S. HOURS FOR SUMSET. ENGLINED

				•		•	•			
NN CABIC ADTAME		DEP	THS SAMPL	£0. (#) .		٠		•		
	SURF	50	100	150	200	300	400	500	600	750
1							,	1.0		
2						*		•		
<b>.</b>							• • •			
6			*				•			
7				0.3						
NQ./HOUR	010	0.0	0.0	0.3	0-0	0-0	0.0	1.0	0-0	0.0
NOHOURS	2950	1.1	1.0	340	2-0	3.0	3.1	3.0	3-0	3.0
NO. SPEC.	0	. 0	. 0	1	0	0	0	3	0	٥
NO. SAMPLES	58	1	1	3	2	3	3	3	3	3

TABLE 497

VIÑCIGUERRIA ATTENUATA NUMBER-CF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1
DAY SAMPLES WITHIN 1.5 HOURS-CF SUNRISE OR SUNSET EXCLUDED

COBIC CORE		DEP	THS SAPPL	.ED (+)		
HH	150	235	375	500	700-	940
-1		C.5	C • 7:	5.C		
NC./HOUR	C-0	C-5	C.7-	5.C	0.0	0.0-
NO. HOURS	3.0	2.C	3.Ç	2.0	3.0	3.0
NÇ. SPEC.	0	1	2	1¢	0	0-
NC. SAMPLES	ā	ž	3	ą	3	3

TABLE 498

VINCIGUERRIA ATTENUATA NUMBER CF SNIPELACCERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VCLUME CUBIC MM		DEP	THS SAPPL	.ED (Y)					
•••	SURF	100	15C	200	300	400	800	1000	*
1		C.5			44.0	3.7	2.0		•
3		C.5	¥			0.3 0.3 0.3			
-NC-/HQUR	c.c ·	1,• C	0.C	C.C	44-0	4.7	2.0	0.C	218
NC. HOURS	2.0	2.C	1.0	2.C	2.0	3-0	2.0	1.C	
NC. SPEC.	O	. 5	c	c	88	-14	4	С	
NG. SAPPLES	2	ź	1	2	2	3	1	1	

DAY	ATTENUATA	ALMBER OF SHIPPLACCERS PER FLUR IN CISCRETE COPTH SAMPLES FROM MED 3 SAMPLES WITHIN 1.5 HOURS OF SUARISE OR SUNSEL EXCLUDED
VCLUFE		

VCLUPE CUBIC PP		DEF	THS SAPPL	.Eo (+)						
	50	100	150	200	30%	41)U	500	FCC	750	1022
1 2		2.6			4.5	5.1 9.3	5.0	4.3		
AC(+CUR	C • C	2.€	C.C	C.C	4.5	6.0	>•3	4.3	7. C	C.,
AC. FOURS	2 • C	6.0		e.C	4.0	3.5	٠.٠	2.3	2.C	3.4
NC. SPEC.	o	17	c	ū	,	15	16	12	c	ď
AC. SAMPLES	2	ŧ	ż	ŧ	ટ	<u> </u>	3	2	Ł	2

TARLE 500

VINCICUEPHIA ATTENUATA	NUMBER OF SYLMPLAUTERS FOR FLUR IN MISCROTE CLATE SAMPLES FORM AND 4
CAY	SAMPLES WITHIN 1.5 HEULS OF SUNKISE OF SUNSEL EXCLUDED

CAT			SAPPLES	WI HAIV	1.5 H	cus tr	20VKITE C	200261	LXCCOL
EN COBIC ACFONE		0Fh147	2A2FLEI:	(+)					
	sicc	766							
-1	7.0								
NC./FCUF	7.4	Cac							
NC. FCURS	1.0	1.0							
NC. SFEC.	7	¢							
NÇ. SAPFLES	1	1							

VINCICUERRIA: ATTENUATA	NUMBER OF SHIPELACCERS FER FOUR IN MISCRETE MEPTH SAMPLES FROM MED 5
DAY	SAMPLES WITHIN 1.5 FOURS OF BUNKING OF SUNSET EXCLUDED

VCLUPE CUBIC PM	DEPTHS SAPPLED (P)								
F.	160	25C	34Č	415	455	675			
-1	1.C				1.3				
NC./FLUP	1.0	C.C	c.(	c.c	1.0	7.;			
NC. FCURS	1-6	1.7	1.0	1.0	1+1	2.,			
NC. SPĒC.	1	c	Ç	c	1	•			
NC. SAMPLES	1	1	1	1	1	2			

4.5

VINCIGUERRIA NIGHT	ATTENUATA		NUMBE Sampl	R OF SWIMES WITHIN	BLACDERS	PER HCUR IS OF SUM	IN DISCRE	TE CEPTH SINSET EXCLU	AMPLES FROM ME Ded
COBIC CORIC ACTOME		DEP	THS SAPPL	ED (P)					
••••	25	4C	70	150	190-	235	400	700	
1 2 3			1.0	0.3		1.0	2.7		
4 .						-0.3			
NĆ•/HOUR	C.0	0.0	1.0	0.3	0.0	1.3	2.7	0.C	
NC. FOURS	1.1	1-C	1.C	3.0	1.0	3.0	3.0	3.0	
NC. SPEC.	0	c	1	1	. 0-	4	8	0:	
NO. SAMPLES	2	1-	1	3	1	3	3	3	

TARLE 503

VINCIGUERRIA NIGHT	ATTENUATA-					PER HOUR RS OF SUM				ROM MED 2
VOLUPE CUBIC -NM		-DEI	PTHS- SAPPL	ED (2)	•					
•••	SURF	12-	45	100	150	-200	400	600	:800	1000
·1 2			15.0	1.0	5.0 0.3	17.0	7 <u>ē</u> 4	5.C	:0.3	
3 4 5			-C.5	1.0 2.0	0.7° G.7°	.0.7 -0.3				
6				1.0						
AC-/FOUR	0.0	0.C=	15.5	6.0	6.6-	18.0	7.4	5.0	0.3	0.0
AC. HOURS	11.9	1.5:	2.0	1.0	3.0-	3.0	2.1	3-0	3.0	3.0
NO. SPEC.	0	0-	31	:6	<b>20</b> :	54	15	5	1	0
NC. SAMPLES	24	3:	1	-1	3	3	2	1	3	3

VINCIGUERRIA NIGHT	ATTENUATA				OLADDERS					ROM MED 3
COBIC AOTANE		DEF	THS: SAMPL	ED (K)						
-MM	SURF	50	100	150	200	300	400	500	-60¢	750
2		5.5	2•C	1.3 0.3	2.0	8.7 0.3	2.0	3.C	3.0	
3 4				0.7						
NC./HOUR	C+0	5.5	2.C	2.3	2.0-	9.0	2.0	3.0	3.0	0•¢
AC. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1-	3.0	30	3.0
NO. SPEC.	-0	6	2	<b>.7</b>	4	27	6	\$	9	C
NO. SAMPLES	50	1	1	3	2	3	3	3	3	3

NUMBER OF SHIMBLADDERS PER NOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES MITHIN 1-5 HOURS OF SLORISE OR SUMSET EXCLUDED

NN COBIC ADFONE		DEP	THS SAMPL	.ED (#)					
****	SURF	50	ac.	135	155	250	325	425	510
1-			3.0		2.0	4.0		4.0	3.0
NO./HOUR	0.0	0.0	3.0	-0.0	2.0	4.0	0.0	4.0	3.0
HC. =HOURS	7.4	1.0	1.0	1.0	1.0-	1.0	1.0	1.0	1-0
NO. SPEC.	٠ ٥	0	3	9	2	6	٥	4	3
NOSAMPLES	15	1	1	1	į	1	1	1	1

TABLE 506-

VINCICUERFIA PONERIAF ALPBEN OF SMINELACO AS MIL PLOM IN MISCHITE ILPIH SAMPLES FROM MED L CAY SAMPLES MITPIN 1-0 SQUAR OF SMINEL CA MASSET EXCLUDED

COBIC ACTOME		ULD	THS SAPPL	(4) 23.						
<b>,</b>	513	100	150	2:-	3	4	-	~ *.	15.	1
1		C.7					4.7		•	
2 2				č.2						
AC-/FCUF	c.c	c1	-• <b>(</b>	\$.0	•	•	4.1	•*	ű.	1.1
NC. HEURS	ž.r	6.0	₹•€	6.1	¥••	£.	1	3.6	2.7	3.
AC. SPEC.	Ĺ	4	c	1			14	č		J
INC. SAMPLES	2	(	ć	ŧ	>		:	2	ž	2

TABLE 507

VINCIGUERRIA POMERIAE ALMES OF SMISHBULLERS FOR FOUR IN LIGHTER SAMPLES I WE HED 9 SAMPLES WEIGHTA 10 / 1 QUIS OF SUM ID. OR SMASH FACHURER

ACFANE ACFANE		GEPTHS SAMPLED (M)
••	\$CC	700
1	€.C	
NC./FCUR	€.0	C+C
-NC. FÇURS	-1.C	1.C
-MC. SPEC.	6	Ç
AC. SAPPLES	1	1=



TARLE 508

80

VINCICUERRIA POBEKIAE NUMBER OF SHIMELACEERS HER HOUD IN LISCHEE CEPTH SAMPLES FROM MED S
CAY SAMPLES WITHIN 1.5 DOUBS OF SUMSHIFT EXCLUDED

-vctup;	DEPTHS SAPPLED (P)						
••	16	251	141	410	450	619	
1		1.0					
NC ./ HEUR	(.0	1.0	٠:	<b>.</b> .	••		
NC. FCURS	1.^	1	1.	1.4	1.	7.	
NC. SPEC.	·	1	í				
NC. SAMPLES	1	1	1	1	1	٠	

TABLE 509

-VINCIGUERRIA POWERIAE NUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH : SAMPLES FROM MED 3 SAMPLES WITHIN 1.5 HOURS OF SUMBET EXCLUDED

ACTONE		DEF	THS SAMPL	.ED (F)						
MN:	SURF	50	100	150	200	300	400	500	600-	750
1 2 3 4 5		1.4 2.8 4.4 C.9 G.5				0.7			2.0	
6 7 8 9 10 11 12 13		C.9	1.0							
NO./HOUR	C.C	-12-C	1.0	- Q. Q	0.0	0.7	0.0	0.0	2.0	0.0
NG. HOURS	29.0	1-1	1.C	3.0	2.0	3.0	3.1	3.0	3-0	3-0
NO. ŠPEC.	0	13	1-	c	0	2.	-0	0	6	0
NOSAMPLES-	-58	1	1-	3	2	3-	3	3	3	3

TABLE 510

VINCIAUERRIA POMERIAE NUMBER OF SHIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5
NIGHT SAMPLES HITHIN: 1.5 HOURS OF SUMBISE OR SUMSET EXCLUDED

AOFANE		DEF	THS SAMPL	.E03(P)					
MM	SURF	50	ec.	-135	155:	250	325	425	510
1:			7-C		2.0			1.0	
NO./HOUR	:0.0	9.0	7.0	-0.0	2.0	0.0	0.0	1.0-	0.0
NG. HOVES:	7.0	1.0	1.0	1.0	1.0-	1.0	1.0	1.0	1.0
NOSPEC.	•	0	-7	•	2-	-0	0	1:	•
NC. SAMPLES	15	1	:1	1	1:	1	1	1:	-1

222

TABLE	511	
APGYRGI DAY	PELECUS	, FEM I GYMNUS

NUMBER OF SUIPPLACCEPS FER FOUR IN DISCRETE CEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.5 HOURS OF SURVISE OR SURSET EXCLUDED

vctuke			,	<b>**</b> ******		
COSIC		DE	PTHS SAPFLED	(4)		
	150	235	375	5CC	700	940
7 8	¥		4.C C.3	1.0		
8 - 10 11 12 13	C+3 '		.0.7 1.0 3.0 1.7	C•5	(•7	
14 15			1.C C.7	1.0		
NC ./ HCUH	C•3	C • C	12.3	3.C	ù• <i>1</i> =	0.0
AC. FCUFS	3.C	ۇ <b>.</b> د	3.0	2.0	3.6	3.1
NC. SPEC.	1	c	27	e	2	Q
NC. SAPPLES	3	ä	;	2	3	3

TABLE 512

• ARGYRCPELECUS FEMIGYMNUS ALMGER OF SMIMELAGCERS PEW HOUR IN DISCHETE CEPTH SAMPLES FRUMEMED 2

CAY SAMPLES WITHIN 1.5 HOURS OF SUNNISE ON SUNNET-EXCLUDED

VCLUPE CUBIC PP		DĔP						
**	SURF	163	150	200	365	435	800	1000
7 8 9 10 11: 12 13: 14 15 16		•	1+C _		1.0	2.7 1. 3.3 0.7 2.3 2.9 0.3	)•5	
NC-/HCUR	C.C,	c.c	1.0	C.C	4.3	9.3	3.5	c.c
AC. FCURS	2.C	2.0	1.0	2.0	2.0	3	2 • 3	1 <u>•</u> ¢
NC. SPEC.	c	c	1-	c	3-	25	-1	c
AC ŞAPPLES	2	ž	1	2	2	3	1-	1

TABLE 513

ARGYAGPELECUS PEMIGYPHUS

NUMBER OF SHIPPLAGGERS FER HOUR IN DISCRETE CEPTI SAMPLES FROM-MED 2

SAPPLES HITHIN 1.5 HOURS OF SUNKISE OR SUNKET-EXCLUDED

MM COBIC ACTOME		UEP	THS SAPFL	.ED (+):							
eit	50	100	150	200	300	400	รักว	٤ğC	75C	1500	
7 8					č• <u>5</u>	C.7-	3.3 1.7				
10						1.0					
8 9 10 11 12 13 14					0.5	0.7 1.3	0.7 0.7 1.0 0.3	C•2		223	
NC -/ HCUR	c.c	C.C	C.C	c.c	1.3	3.7	3.7	C • 3	C.C	0.c	
NC. HCURS	2.C	6.C	2.C	6 • C	2.3	3.0	3.7	3.C	2.;	3.9	
NC. SPEC.	c	c	c	c	2	11	11	1	c	C	
NC. SAPPLES	2	Ł	Z	ć	2	3	2	2	2	ž	

TARLE 514 .

\* >

>44 '			
ARGYRCPELECUS DAY	FEM IGAMMUS		"NUMBER OF SWIMBLACCENS FER HOUR IN DISCRETE CEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED
AA COBIC ACTORE	*	DEPTHS	SAPPLED (P)
••	500	700	•
7		1.0	
8 5		1.0	
NC ./ HCUk	C.C	2.0	•
NC. FCUPS	1.C	1.0	
NC. SPEC.	C	ž	
NC. SAMPLES	1	1	

AFGYFCPELECUS CAY	FEM I GYMNU	ıs	NLMBE SAMPL	# CF Ship PS W∏HIN	PLACCERS 1.5 HOUR	PFF ECUR S CF SUNK	IN DISCRETE CEPTH SAMPLES FRUM MED ISE OP SUNSET EXCLUDED
VCLUPE CUETC		OEP	THS SAPPL	EC (A)			
fih	166	250	340	4 <u>1</u> C	495	675	
7					1.5		
NC •∕.∳CUR	c.c	;.,;	·• C	C • C	1.3	3•3	
NC. : HCUPS	1.7	1.0	1.0	1.0	1.5	2.5	
NC. SPEC.	c	z	C	c	1	4	
NC. SAMPLES	1	1	1	1	1	2	

TABLE 516 ARGYROPELECUS HEMIGYMNUS NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES:FROMEMED 1 SAMPLES WITHIN 1.5 HOURS OF SUMRISE OR SUMSET: EXCLUDED .

NW CABIC AOTAME		DEP	THS SAMPL	.ED (M)					
ůw.	25	40	76	150	190	235	400	700	
6- 7:							0.3- 3.0		
6: 7: 8: 9: 10: 11: 12: 13: 14: 15:						0-3 1-0	0.3 0.3		
11- 12			1.0			1.7 3.0 2.0		۵,3	
14: 14: 15-			1.0	. 0.3	2.0	1.0	1.0- 1.7 0.3-	0.3	
NC./HOUR	0-0	0.0	1.0	0.3	2.0-	9.0	7.0	0.3	
NC. HOURS	1.1	1.0	1.6	3.0	1.0	3.0	3.0	3.0	224
NG. SPEC.	0	-6	i	1	2	27	21	1	<b>A</b> JK⊌*±,
NO. SAMPLES	2	1	1	3	1	3	3:	3	

ARGY ROPEL ECUS	PEN IGYNNUS		HUMB!	R OF SHII ES WITHII	MBLACDERS N 1.5 HOU!	PER HOUR IS OF SUN	IN DISCRI	ETE-CEPTH INSET EXCL	SAMPLES (	FROM MED 2
MN COBIC ACTORE		DEP1	ihs - şappi	.ED (#)						
<b>,,,,</b>	SURF	12	45	-1 CC	150	200	400	400	80c	1000
7 8 9							7.8 1.5 0.5			
11 12 13						0.3 1.0	0.5			0.3
8 10 11 12 13 14 15 16 17 18							5.4 0.5			V-3
21	C.C.									
NO./HOUR	C-1	0.0-	c.c	0.0	0.0	1.3	17.5	0.0	0.6	0.7
NC. HOURS	11.7	1.5	2.C	1.0	3.0	3.0	2.1	1.0	3.0	3.0
AC. SPEC.	1	c	c	c	0	4-	34	c	c	2
HC. SAMPLES	24	3	1	1	3	3 .	2	1	3	3

TABLE 518										
-ARGYROPEL ECUS NIGHS	HEM IGYMNUS				GLACDERS: N-1.5 HOU!					ROM MED 3
MM CABIC -ACTRME		-DEF	THŠ=SAPPL	.ED-(P)						
	SURF-	50	100	150	200-	300	400	500	4CC	75C
7 8 9 10 11 12 13 14 15 16					0.5	0.3 0.3 0.7 0.3 1.7	3.3 2.9 -1.0 0.6 -0.3 0.7	0.7 -0.3 1.0 0.7	1.0 0.3 1.3	
NC./HOUR	C-0	C.0	0.C	0.0	0.5	4.0	9.5	3.3	3.0	0.0
NC. HOURS	29.0	1.1	1.0	3.0	2.0-	3.0	3.1	3.0	3.0-	3.0
-NO. SPEC.	0-	C	c	0	1-	12	29	10	9-	-0
NO. SAMPLES	54-	-1-	1	3	2	3	3	3	3	-3

TABLE 519

ARGY AGPEL ECUS NIGHT	HEM I GYMNUS		NUMBER SAMPLES	OF- SWING WITHIN	MADDERS 1.5 HOU!	PER HOUR IS OF SUM	IN DISCR	ETE DEPTH UNSET EXCL	SAMPLES (	FROM: MED 5
NW CABIC AOTANE		DEPTHS	SAPPLEO		·					
	SURF	50	<b>ac</b>	135	155	250	325	425	510	
7								11.0	1.0	
<b>9</b>								1.0	1.0	
-10 -11 12 13 14 -15 16								1.0	1.0	
12										
14								1.0		
15							2.0		1.0	
10 17										
-10	*				1.0					
19				1.0				1.0		
NG./HOUR	0-0	0.C	c.c	1.0	1.0	0.0	2.0	15.0	4.0	
NG. HOURS	7.8	1.0	1.C	1.0	1.0	1.0	1.0	1.0	1.0	
NO. SPEC.	0	-C	c	-1	1	-0	2-	15	-4	
NO. SAMPLES	15.	-1	1	-1	1	-1	:1-	-1	-1	

ELECTRONA	RISSOI	NUMBER OF SWIPBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 1.
DAY	-	SAMPLES WITHIN 1.5 HOURS OF SUNKISE OR SUNSET EXCLUDED

ACFRAGE ACFRAG	DEPTHS SAMPLED (P)									
•	150	235	375	5CC	700	- 940				
1	·0.3				2.3					
NC./FOUR	C-3	0-Č	0.0	C.O	2.3	0.0				
NG. HOURS	3.0	2.0	.3•C	2.0	3.0	3.0				
NC. SPEC.	1	C	C	C	7	0				
NO. SAMPLES.	3	ž	3	2	3	3				

TABLE 521

ELECTRONA RISSOI	NUMBER OF SHIPBLACCERS PER HOUR IN DISCRETE CENTH SAMPLES FROM MED 3
DAY	SAPPLES WITHIN 1.5 HOURS OF SUNKISE OR SUNSET EXCLUDED

COBIC		DEF	THS SAPPL	.ED (+)-						
Mh <sub>-</sub>	50	10Ĝ	: <u>1</u> 50	200	300	400	500	600	75C	100ō
1				° C•2					1.0	
NO./FOUR	C.0	0•č	ć∙c .	C.2	C+0	0.0	<b>0.</b> 0	C.G	1.0	C•Ĉ
NC. HĆURS	2.0	€.C	2.0	6.C	2.0	3.G	3.0	3.0	2.C	3.C
NC. SPEC.	G	С	c	1E	0	o	0	-Ō v	2	Ğ
NO. SAMPLES	2	é-	2	6	2	2	3	ā	2	2

TAM 5 522

ELECTRONA	R 15501	NUMBER OF SHINGLADOERS PER HOUR IN-DISCRETE DEPTH SAMPLES PROM HED 1	
MIGHT		CAMBLEC MITMEN 1.56 MANAG. OF CLIMITOS: OR CLIMITSI SYCLUSED	

* VOLUME	DEPTHS SAMPLED (M):.											
MM	-25	40:	70	150-	190	235	400	700				
1								1.0				
MS-/HOUR	<b>0+0</b>	, 0.0-	<b>0.0</b>	10.0-	<b>0-0</b>	0.0	0.0	1.0				
DG. HOURS	1.1	160	,150	3.0-	1.0	3.0	3.0	360				
NO. SPEC.	• 0	<b>O</b> i	4.0	0-	0	0=	•	3				
MO. SAMPLES	2	1.	i	3-	1	3:	3	3				

TABLE 523 NUMBER-OF ShipBladgers per hour in discrete cepth samples from med 2 samples within 1.5 hours of subrise or subset excluded ELECTRONA RISSOI CUBIC CUBIC VCLUME DEPTHS SAPPLED-(P) 1000 400 acc 400 200 45 150 12 SURF 3.0 1.0 0.3 12345678910 0.5 0.0 0.0 c.c 0.5 0.C 0.3 C.C C.C C.C NG./HOUR 1.0 3.C 3.0 1.0 3.0 1.5 2.6 NC. HOURS 0 Q C 1 0 1 C ¢ NG. SPEC. 3 3 1

3

1

1

24

NO. SAMPLES

2

TABLE 524

ELECTRONA NIGHT	R15501		NUMBE SAMPL	R OF SWIM ES-WITHIN	IBL'ADDERS - L-1.5 HOUR	PER HOUR S OF SUNR	IN DISCRE ISE OR SU	TE DEPTH MSET EXCL	SAMPLES F UDED	ROM MED 3	
CUBIC CUBIC VOLUME	DEPTHS SAMPLED (P)										
nn n	SURF	50	100	150	200	300	400	500	<b>600</b>	750	
1			•						,	C.3	
3					0.5						
4 5	•				0.5 0.5						
4 7	*				*						
-					0.5						
10 11	*				0.5						
12											
13 14											
15 16					0.5						
17 18											
19											
20 21 22			•		0.5						
23					•••		0.3				
23 63 64							0.3				
65 46											
67 -68			_		Man 1				<b>.</b>		. <del></del>
-69 -70			·			•			•		
71 72								•			
-73											
.74 75											
76 77											
76 79											
<b>8</b> 0								0.3			
NO./HOUR	C.0	0.0	0.0	-0.0	3.5	0.0-	0.3	0.3	0.0	0.3	
NO. HOURS	29.0	1.1:	1÷Ĉ	3.0	2.0	3.0	3 <u>-</u> 1	3.0	3.0	3.0	
NO. SPEC.	O	0-	c	0	7	0	-1	1	0	1	
NO. SAMPLE	S 58	1-	1	3	2	3	3	3	3	3-	

TABLE	525
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HYGOPHUM DAY	HYGOMI		NUMBER OF SWIPPLACDERS PER HOUR IN DISCRETE CEPTH SAMPLES FROM M SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED	IED 1
COBIC ACTOME		DEPTHS	SAPPLED (P)-	

COLIC	DEPTHS SAPPLED (F)-							
•••	150	235	375	500	700	940		
14					0.3			
NC./FQUR	C-C	0.0	C.C	C.C	0.3	0.0		
NC: HOURS	3.0	2.0	3.C	2.C	3.0	3.0		
NC. SPEC.	0	- <b>c</b>	e	:C	1	0		
NC. SAMPLES	3	ž	3	2	3	3		

1 MEL # 220	
PAROBEN -HAGONI	NUMBER OF SUIMBLACCERS PER HOUR IN DISCRETE CEPTH SAMPLES FROM MED : SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

·							_			
VCLUPE CUBIC MP	DEPTHS SAPPLED (P)									
RF	50	1 <u>0</u> 0	150	200	300	400	500	600	75C	1000
6 9								0.3	0.5	
6 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24								0•3		
14: 15: 16 17:										
18: 19: 20: 21:								0•3		
22 <sup>-</sup> 23: 24-								0.3		
NC/HOUR	C.C	C.•C	0.C	0 <u>*</u> C	C.O-	0.0	0.0	1.3	0.5	0.0
NGHCURS	2.0	é.C	2.0	6.C	2.0	3-0	3.0	3.C	2.0-	3.C
NC. SPEC.	C	- <b>C</b>	c	C	0-	٥	0	4	1	С
NC. SAMPLES	2	-6	2	-6	2	3	3	3	2	2

THULE JET		
		•
FYECPHUM HYGOMI	•	NUMBER OF SWIPELACCERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 4
CAY		SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

VCLUPE CUEIC		DEPTHS S		,	
hh	SCC	700			. 000
9		:1 • C			230
NC./FGUR	C.C	1.c			
NC. FCURS	1.0=	1.C		•	
NC SPEC.	C	1			
NC. SAMPLES	<b>1</b> =	1			

TARLE 528

HYGOPHUM HYGONI ALMBER OF SHIMPLACCERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.5 HOURS OF SUARISE OR SUNSET EXCLUDED

VCLUPE CUEIC		DEP	THS SAPPL	ED (*)		*
MM	160	25C	34C	41C	495	·675
1 2 2 4 5 6 7 8 9 10 11						0.5 0.5
#C•/FCU8	C.C	C.C	6.C	C.C	C.C	1.5
NC. FCURS	1.0	1.0	1.0	1-0	1.0	2.1
NC. SPEC.	С	c	c	С	o	3
NC. SAMPLES	1	1	1	1	1	2

I MALE 327										
NYCOPHUN- NYCO NICHT	MI							TE-DEPTH_ MSET EXCL		DM MED-1
-WN CNBIC AOFANE		DE	THS SAMPL	.ED -(M)						
- 00,00	25:	40	70:	:150	190	235	400	700		
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		1.0	1.6- 1.6-			0.7			·	
NO./HOUR	0.0-	-150	2.0	0.0	0-0	0.7	0.0	0.0		·
NO. HOURS	1.1	-1.0	1.0	3.0	1-0-	3.0	3.0	3.0		
NO. SPEC.	0	1	ź	0	.ŏ	2	÷ <b>0</b>	0		
NO. SAMPLES	2	1	1	3	1-	3	.3	3		

NO. SAMPLES

58

13

NUMBER OF Shimbladders per hour in discrete depth samples from MED 3 SAMPLES MITHIR 1.5 HOURS OF SURFISE OR SUNSET EXCLUDED HYGOPHUM HYGOMI VOLUME CUBIC DEPTHS SAPPLED (P) 750 600 200 300 400: 500 150 50 100 SURF 0.C3 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 D.C3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 C.C 0.1 C-C NC./HOUR 3.0 3.1 3.0 2.0 1.0 NG. HOURS 25.0 0 0 0 **-0** -C 0: 0 0 0 NO. SPEC. 3 3

3

-1

2

3

3

3-

FABLE 531										
W <b>e</b> ophum m Wight	100M I-					PER-MOUR IS OF SUM			SAMPLES FRO	DBM MED
COBIC		DEP	THS SAMPL	.ED (#)						
MH	SURF	50	ac.	135	155	250	325	425	510	
1 2 3 4 5	-C•1									
7 8 9 10 11 12 13 14 15 16 17	<b>c.1</b>	1.0	1.6							
O./HOUR	0.3	1.0	1.0	0.0	0.0	0.0	0.0	0.0-	0.0	
O. HOURS	-7.4	1.0	1.0	1.0	1.0	-1.0	1.0	1.0	1.0	
G. SPEC.	-2	-1	1	0.	0	0	ō	0	ø	
IO. SAMPLES	-15	<b></b> 1	1	1	1	1	1	1	1	

TJELE 53	2						
FYGOPHUP CAY	EENOST Į-		RLP, r SAPFL	r CF SVI ns within	rtlacelha N∈l•= 1€c	ri deu. Griddi	IN UTSCHRIFE LEPTH SAMPLES FICK MED 1 ISF CHI MINSET EXCLUDED
VCLUPE CUEIC PP		۰.۱ ۲	IFS SAFFL	.u (4)			
	=150	225	375	5.:	7.	24	
1 2 3 4		;		C+5	13.5 2.0 / 3	17•.	
è				6.5			
NC./FCUF	Ǖ0	C.S	Cal	1.0	15.0	15.	
AC. FCUPS	3.C	2.0	?.:	2.:	3.	3.	
MC. SPEC.		-1	¢	2	5 '	٠.	

TABLE 533

FYGCPFUM CENCITI
CAY

ALPBER OF SMIPELACCERS HER HOUR IN DISCRETE LEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.5 HOURS OF HUMBING OF SUBSET EXCLUDED

VCLUPE CUEIC		DEP	THS SAPFE	.FC (+)				
hh .	SLRF	100	150	2: 0	311	4.	m,	15.22
1 2 3 4 5 6 7 7 6 5 10 11 12 12 12 12 12 12 12 12 12 12 12 12		1.5			2.4		4c+3	
NC./FCUF	:•c	1.5	C.C	¢.r	2.5	3	42.5	54.0
ACFCURS	2.C	5.C	1.0	2.0	2	3	ž• '	1.5
NC. SPEC.	c	-3	Ċ	ŧ	5		>=	sc.
NC. SAPPLES	2	i	1	2	2	3	1	1

TAELE 534 NUMBER OF SMIMELACCERS FOR HOUR IN DISCRETE LEPTH SAMPLES FROM MED 3 SAMPLES MITMIN 1.5 HOURS OF SURVEISE ON SUBSET EXCLUDED FYECFFUF EENCITI CUB1C ACTONE DEPTHS SAFFLED (A) 150 25% 36. 4. ; 301 75. Luce 150 50 50 C.5 1214567850 \$.5 0.4 €.7 NC./FCUF 0.0 C.C C.C ..; 3.6

3.2

3

ž

TAELE 535 ACHORIA OF SPINSLACCIES OF FEET IN CITY OF COFF SAMPLES FORM THEY A SAMPLUS WITHIN 1.1 HOW, OF OUR LEG OF OUR LEG OF OUR LEGE OF OUR LEGEBRE -FYGCFFUF EFNUITI COSIC ACTORE CEPTHS SAPPLAG (A) :10 7::.

AC. SPEC. 2.1 AC. SAPFLES

1.0

NC. FLURS

NC. SPEC.

10

NC./FCUR

AC. FCURS

NC. SAMPLES

6.0

2

**c** \*

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1..0

1..

21.

2.0

AUMBER OF SHIPBLADDERS PER HEUR IN:DISCRETE DEPTH SAMPLES FROM MED 1 SAMPLES WITHIN-1.5 HOURS OF SUARISE OR SUNSET EXCLUDED PYGOPHUP GENOITI VCLUPE CUB1C DEPTHS. SAPPLED (P) 700 400 190 235 40 70 150 25 5.4 0.3 3.7 8.7 0.3 1.0 1.0 1.0 1.C 1.C -0.3 -6.0 4.0 0.0 1.0 4.C NG./HOUR C.0 3.0 3.0 3.0 1.0 3.C 1.0 1.C NC. : HOURS 18 1 1 12 -0 26 0 4 NC. SPEC.

3

1

1

2

NC. SAMPLES

1

1

3

3

3

hygophup- hight	BEHO IT I		numbe Sa ppe	R OF Shii ES WITHII	MOLACDERS V 1.5 HGUI	PER HCUR IS CF SUM	IN DISCRE	ETE CEPTH Inset exc	SAMPLES LUDED	FROM MED	2
COBIC ACTORE		DEF	THS SAPPL	.ED (P)							
rr.	SURF	12	45	100	150	200	400	6CG	800	1005	
1 2 3 4 5		5.3	<b>6.5</b>	1.6					36.9	0.3	
40 41 42 43		4.1	G.5	1.0	0.0	0.0	0.0	0•C	36.9	1.3	
NO-/HOUR	C•0	5.2	7.0	1.0	0.0	0.0	0.0		-		
AO. HOURS	11.9	1.5	2.C	1-C	3.0	3.0	2.1	1.0	3.G	3.0	
AC. SPEC.	0	<b>1</b> -	14	1	0	0	0	C	111	4	
NO. SAMPLE	S 24	3	1	1	3	3	2	-1	3	3	

NYGOPHUM BEI NIGHT	10 17 1		NUMBE SARPL	R OF SWIFE	OLABORRS 1.5 HOUP	PER NCUR IS OF SUM	IN DISCRE	TE DEPTH MSET EXCA	SAMPLES F .UDED	ROM MED 3
VCLUPE CUOIC NN		DEF	THS SAPPL	.ED - ( P )						
•••	SURF	SC	166	150	200	300	400	500	406	75C
1 2 3						0.3				1.3 G.4 0.7
3 4						0.3 0.3				•••
5		C.5				0.3				
i										
8 9								•		
10										
10 11										
12 13 14										
13										
15										
16										
17 18										
19										
20										
21				0.3						
MC-/HOUR	C.0	ğ. <b>5</b>	0.6	0.3	0.0	1.0	0.0	G.G	c.c	2.3
NC. HOURS	29.0	1.1	1•Ċ	3.0	2.0	3.0	3-1	3.0	3.0	3.0
NC. SPEC.	0	1	Č	1	<b>= 0</b>	3:	0	G.	C	7
NC. SAMPLES	58	1	1.	3	-2	3-	3	3=	3	3

TABLE 539 BENTHOSEMA GUACIALE DAY

NUMBER OF SHIPPLACOERS PER HOUR IN DISCRETE CEPTH SAMPLES FROM-MED & SAMPLES WITHIN 1-5 HOURS OF SUNNISC OP SUNSIT EXCLUDED

· COBIC	DEPTHS SAPPLED (F)										
MM	150	225	375	516	763	94.J					
1 2 2 3 4.4	,		C•7	131.C 37.C	8.9 5.5 5.3 0.3						
NC ./ FCUR	c.c	c.c	:.1	168.0	24	2.2					
NC. +CURS	. 2.0	2.C	3.0	2.:	3.0	3.					
NC. SPEC.	. с	٤	Z	336	73	0					
AC. SAMPLES	3	2	3	2	3	3					

TARLE 540

BENTFCSEPA GLACIALE ALBER OF SHIBELACCERS FOR HOUR IN DISCRETE CEPTH SAMPLES FROM MED 2-DAY SAMPLES BITHIN 1.5 HOURS OF SURVISE CR-SUNSETS EXCLUDED

VCLUPE			×					
CUEIC		130	THE SAPPL	(4) QB.				
	SURF	1:0	-150	5.6	391	4):	au)	1360
1= 2= 3 4		C.£					1.0 3.5 3.0 1.0	
NC./FCUR	C+C	1.c	c.c	3.5	c.3	٥.٥	8.5	₹.0
NC. : HCURS	2.0	2.0	1.€	-2 • C	2.0	300	2 • 1)	1.0
NC.=SPEC.	c	ā	c	C	¢		17	c
NC. SAPPLES	2	ž	1	2	2	3-	:1-	1

BENT FOSEMA OAY	GLACIALE			K-CF SWIA Es within						FROM MED-3
VCLUPE CUBIC		DEPT	IHS SAPPL	.ED (+)						
- NA	50	1GC	150	200	300	400	50,0	-ĕ00	75C	1000
1: 2-								=1 • C =1 • 2		
NC./HCUR	c.c	-Ç.C	c.c	C.C	0.0	0.0	0.0	2.3	-0.C	0.0
NG. SHOUPS	. 2.0	é.c	2.C	U+C	2.0	3.0	3.0	3.C	2.C	3.0
NC. SPEC.	- <b>C</b>	c	c	c	G	ن	0	7	c	0
NC.=SAPPLES	- 2	6	ž	ė	ź	3	3	2	2	5

1 A ELE 542

PENTH SE'A CLACIALL NUMBER OF SETSCHARLES FOR FLOR IN DISCRETE CEPTE SAMPLES FROM REG 4 CAPTURES WITHIN 189 BOLES OF SUN 189 OF SUNSET EXCLUDED

VCLUME CUEIL Septemble Sobilate (8) 500 7. . :.: 4 NC./HOUP · • • ¿ .: AC. HOUFS 1.0 1. MC. SFFC. ¢ AC. SAPPLES

1

2

TABLE 543

SENT HOSEMA NIGHT-NUMBER OF SUIFBLACCERS PER HOUR IN:DISCRETE DEPTHESAMPLES.FROM MED 1 SAMPLES LITHIN 1.55 HOURS OF SUMRISE OR SUNSET EXCLUDED GLACIALE COBIC DEPTHS SAMPLED (P) 25 40 70 235 400 700 44.C 2.6 1.C 1.C 1.0 2.0 3.C 2.0 2.0 1.3 1.0 0.7 8.0 NC./HOUR 2.0 1.0 50.C 1.7 1.0 1.0 0.0 NC. HOURS 1.1 1.0 1.C. 3.0 1.0 3.0 3.0 3.0

-1

1

5

3

0

3

24

3

3

3

5¢

1

1

1

TABLE 544

NO. SPEC.

NO. SAMPLES

NUMBER OF SHIMBLADDERS PERENCUR IN-DISCRETE DEPTHESAMPLESEFROM MED 2 SAMPLES HITHIN 1.5ENDURS OF SUNRISE OR SUNSET EXCLUDED BENT HOSENA GLACIALE VOLUME CUBIC DEPTHS SAMPLED (M) SURF 45. 400 12 160 150 400 100 1000 200 54.0 17.5 2.0 3.0 3.0 2.C 1.C 1.1 0.3 2.3 0.7 10.C 1.0 MO./HOUR 1.1 84.5 9.0 2.3 3.0 0.7 0.0 0.0 0.3 0-0 1.5 1.0 2.1 1.0 3.0 3.0: NO. HOURS 11.9 2.C 3.0 3.0 -7 0 0 2 145 • 3 2 0= NO. SPEC. 1 , NO. SAMPLES 24 3 ı -1 3 3 3 3.

TABLE 545

Bent Hosema Those	GLAC IALE					PER-HOUR RS OF SUM				ROM MED 3-
COB IC		Def	THS SAMPL	ED (M)						
MM	SURF	50	100	150	200	300	400	500	600	750
1 2 3		6.5 4.6							0.3	0.4
NO./HOUR	0-0	11-1	Q & Q -	0.0	0.0	-0.0	0 <b>.</b> Ö	0.0	0.3	0.4
NC. HOURS	29.0-	1-1	1.C	3.C	2.0	3.0	3.1	3.C	3.0	3.0
NG. SPEC.	0	12	C	0	0	0	0	0	1	1
NO. CAMBI-SC	5.0	•		2	•	•	•	2	2	2

TAFLE 516

1 PELE 546								
MACLC BEAM EVA	MJTATSAUP					パント ト(しら 18 し) ロ コ しこ コ し に 18 (18 ) (18 ) (18 ) (18 ) (18 ) (18 ) (18 ) (18 ) (18 ) (18 ) (18 ) (18 ) (18 ) (18 ) (18 ) (18 )		м жьЭ 1
VETURE CUBIC MM		CEF	THE SAPPL	(4)- 35				
131	157	538	375	5.3	7- •	94 1	,	
3 4	:•3				5.3 1.6	•3		
VC•\F50%	4.3	6.0	6.0	c.:	7.4	2.3		
NC. FEURS	3.0	2.0	?•C	2.0	3	3		
NC. SPEC.	1	c	Ċ	<b>3</b> ,	21-	i		
NC. SAMPLES	3⁼	į	3	2	3	-		

MYCTCPHUM =DAY	PUNCTATUM							ETE-CEPTH S JNSEC EXCLU	AMPLES FROM MED 2
VCLUME CUBIC VCLUME		DEP	LTHS ŠĀPPL	.EC ( <b>1</b> )					
• • •	SLKF	100	15C	-266	3rc	4-10	801)	-1-206	
3							1.0		
NC/FCUR	C.C .	€.0	6.6	-C•C	3.0	2.0	1.0	3.0	
NC. FCURS	2.0	-8 • C	1.0	2.0	2.0	3	2.0	1.0	
NÇ. SPEÇ.	c	c	C	•	-	U	-2	Ċ	
NC. SAMELES	5 2	è	<b>=1</b>	2	. 2	đ	-1	i	

TAME SAR WETGPHUR DAY VOLUME CUBIC	PUNCTATUN	DE	AUMBE Sampl Ths Sappl	ES WITHIN	ELACCERS 1.5 HOUR	PEF HCUR IS CF SUN	IA DISCR LISE OR S	ETE-DEPTH UNSET EXCL	SAMPLES ? UDED	FACH MES		
MH.	<sup>(</sup> 50	100	150	200	300	400	500	600	750	1000	45'	
<b>8</b> ·		C-2							1.0	0.2	7	
NO./HOUR	0.0	0.2	c.c	C.C	c.0	0.0	0.0	0.0	1.0	0.7		
NC. HOURS	2.0	e.c	2.0	6.C	2.0	3.C	3.0	3.0	2.C	3.0	,	
NO. SPEC.	0	1	c	c	o	د	0	Ċ	2	3		•
NO. SAMPLES	2	ė	2	6	2	3-	3	•	,		•	•. • .

TABLE 547										**********
MYCTOPHYN (	PUNCTATUM		MUMB! SAMP!	A OF SHIP	HOLADOERS I 1.5 HOU!	PER HOUR IS OF SUM	IN DISCRI	ETE DEPTH :	IAMPLES FROM NED 1	
· CAOTC AOTHUE		967	THS SAMP	40 (A)						
<b>MA</b> ,	25	40	70	150	190	435	400	700		
3 4 5.		12.0 15.0 1.0	1.0	2.0	2.0	•	•	1.3		
HO-/HENE	0.0	28.0	3.0	2.0	2.0	0.0-	0.0	1.3		
"MG. HEWAS	1.1	1.0	1.0	3.0	1.0	3.0	3.0	3.0	•	•
MO. SPEC.	1	26	3	•	2:	٥	-0	4		
ino swires	ş	1	1	3	1-	3	-3	3		· · · ·

N TOOK	MICTATUS		SAMI	ES WITHE	NOLABOERS 1 1.5 HOUR	5 OF \$VIII	158-08 M	MSET - EXCL	uoto .		
- CABIC AGENUE		DEF	THE SAMPL	(A) OB.			×				
<del></del> ,	-SURF	12	45	100-	150	200	400	400	800	1006	, 24.
.4 .5	1.4 3.4 4.6 -1.2	0.7 C.7	3.0 2.0 1.0		0.3		•	-	-0.3	,	4 3-44 2
Ma/Maya	10.0	1.8-	<b>6.</b> C	0.0-	0.3-	0.0	0.4	-0.0	0.3	منه	**
	14.9	1.5	2.0	1.0=	3.0	3-0	2.1	-1.0	3.0	* 3i4	* *
<b>10.</b> 1706.	516	2	12	~ <b>0</b> -	j=	•	-0	•,	1.	'⊕"	
in teamer	24	3	1	1	3	3	2	i	3	<b>3</b> "	• ,,



TABL	E	5	5	1
	•	,	,	-

MYCTOPHUM NIGHT	PUNCTATUM							ETE DEPTH INSET EXCL		ROM MED 3	ļ
VCLUPE CUBIC VCLUPE		DEP	THS SAMPL	LED - (#)							
ne.	SURF	50	100	150	200	300	400	500	400	750	
3 4 5	0.2 1.8 0.4		1.0	0.3			•				
NC./HOUR	2.3	0.0	1.C	-0.3	0.0	0.0	0.0	0.0	0.C	0.0	
NC. HOURS	29.0	1.1	1.C	3.0	2.0	3.0	3.1	3.0	3.0	3.0	
-NG. SPEC.	70	c	i	1	0-	0	0	0	C	0	
, NO. SAMPLE	S 50	1	1	3	2	3	3	3	3	'3	

TABLE 552

17101 772							
SYMPCL CFFCRUS CAY	AFYVAAI					en in the term of the service of the	r HED 1
VCLUPE CUEIC PP		CE	Tha SAPF	LL (P)			
<b>P</b> P	156	٤٤٤	375	5 🔾	7.	54	
ž					1.3		
NC ./FCUR	(.(	. • x	1.6		1.*	•	
NE. FLUFS	2.√	i	2.5	٠.٠		3.	
NC. SPEC.	ι		:	*	3		

TABLE 553

SYMECLEFFCRUS CAY:	VERAGYI							TE GEPTH S Insel exclu	34 PED 2
VELUPE CURIC		SEF	THS SAPFL	(4) 3u.					
MM	SURF	16.	150	200	353	4),	300	1900	
2							. •5		
NC./FCUF	c.c	C.C	c.c	Ç	3.4	. • ;	).5	<b>4.</b> €C	
NC. HOURS	2.0	2.0	1.0	2.0	2.0	3	2.	1.0	
NC. SFEC.	c	•	c	C	•	)	1=	τ	
NC. SAMPLES	ž	į	-1	2	3	3	1	1	



SYPECLCPECRUS CAY	VERANY)			es af Sbibi Lus biihin						FROM-MED 3
VCLUPE CUBIC 44		وسا	ነውን ኃላቀዩ	(E) (P)						
• •	5	15	150	2× c	to "	4 -	500	٤.,	750	1000
1		0.5								
NC+/FLUF	C +1*	2.1	•5	, C. C.	•	٠.,	•6	3.c	c.c	<b>:.c</b>
NB. HEUKS	١٠٠	ŧ.	7.4		2.3	4.	3.6	3.4	2.	٠.
MC. SEEC.		4			,		3 *		c	ŕ
AC. SAPPLES	2	_	7		,		,	2	~	

TABLE 555

VERMYI									1-MED 1
	:DE1	THS -SAPPL	.ED=(P)			*			
25	40	-7¢	-15C	190	235	<b>400</b> =	700		
	3°C								
C-0	s-c	ō•c	-0.C	0.0	0.0	0.0-	0.0		
1.1	1-0	-1 - C	3.0	1.0	3.0	3.0	3.0		
0	ā	-c	0	0	0-	0 =	<b>= 0</b>		
2	=1	1	3	1	3	3:	3		
	25 C=0 1+1 0	:DEF 25 40 2.C C.O 2.C 1.1 1.0 0 2	SAPPI  DEPTHS SAPPI  25 40 -70  2.0  0.0 2.0  1.1 1.0 -1.0  0 2 0	SAMPLES MITHIN    DEPTHS   SAMPLED = (M)   25	SAMPLES HITHIN 1.55 HOUR  DEPTHS SAMPLED (P)  25 40 .7C .15C 190  2.C  C.O 2.C Q.C .0.C 0.C  1.1 1.0 .1.C 3.O 1.O  O 2 .C O O	SAMPLES HITHIA 1.5 HOURS OF SUM  DEPTHS -SAMPLED - (P)  25 40 70 -150 190 235  2.0  C.0 2.0 0.0 -0.0 0.0  1.1 1.0 -1.0 3.0 1.0 3.0  0 2 0 0 0	SAMPLES: HITHIN 1.5 HOURS. OF SUMRISE OR SUM :DEPTHS :SAMPLED=(F)  25 40 70 150 190 235 400  2.0  C.0 2.0  O.C O.C O.O O.O O.O O.O  1.1 1.0 1.0 3.0 3.0  O 2 C O O O O O.O	SAMPLES HITMIN 1.5 HCURS OF SUMRISE OR SUNSET-EXCLU  DEPTHS SAMPLED=(F)  25 40 -7C -15C 190 235 400 70C  2.C  C.O 2.C 0.C -0.C 0.0 0.0 0.0 0.0 0.0  1.1 1.0 -1.C 3.0 1.0 3.0 3.0 3.0  0 2 C 0 0 0 0 0 0 0.0 0.0	SAMPLES HITHIN 1.5 HOURS OF SUMMISE OR SUMSET-EXCLUDED:  DEPTHS SAMPLED=(P)  25 40 -7C -15C 190 235 400 70C  2.C  C.O 2.C 0.C -0.C 0.O 0.O 0.O 0.O  1.1 1.0 1.C 3.O 1.O 3.O 3.O 3.O  O 2 C 0 O O O O O

SYMBOL APHORUS NIGHT	- VERMIYI	.NUMBER OF SHIPBLAGGERS=PER HOUR-IN DISCRETE DEPTH SAMPLES FROM-MED SAMPLES:MITHIN:1.5 HOURS OF SUMRISE DR:SUMSET=EXCLUDED										
COBIC ADTONE		=DEF	THS: SAPP	reŭ≈ ( M)								
MM	SURF	-12	45	100	150	500	400	400	800	-1000		
1 2 3	0.08 1.4-	-1-3	5. C 2. C 0. 5	1.0	0.7		•					
\$	0.3- - 0.08-		***		0.3				*			
NO./HOUR	1.9	1-3	-7.5	-1.0	1.0	0.0:	0.0	0.0	=0.0	-0.0		
NO HOURS	11.9	1.5	2.¢	1.0	3.0	3.0.	2.1	1.0	3.0	3.6		
NO.=SPEC.	23	2	-15	1	3	0:	-0	0	•	0		
NOSAMPLES	24	3	1	1	3	3:	Ž-	1	3	3		

TABLE 557											
SYMBOLOPHORUS NIGHT	VERANYI						IN DISCRE			FROM MED 3	
MM CABIC ACTOME		DEF	THS SAPPL	.ED (*)							
nn n	SURF	50	100	150	200	300	400	500	600	750	
2 3	0.03	0.5	1.0	0.3							
NC-/HOUR	Ç.0	C.9	1.C	C.3	0.0	0.0	0.0	0.0	0.0	0.0	
NCL HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0	
NC. SPEC.	1	1	1	1	0	0	0	- <b>c</b>	c	0"	
			_	_	_	_	_	_	_		

TAELE 558								
CAY CALL	CULLEINI					Al state 14		MED I
VCLUME CUETC			44 <u>6</u> 2 241	Lr6 (3)				
44	15.	e ! ! \$	:75	5 :	1	94,		
1 2			1.7 1.3	15.5				
AC./FIUF	L es	:.0	è:	25.00	•,			
MC. FEUFS	3•0	ž a i	2.3	7."	•	2.1		
NC. SPEC.	•	•	ž:	.3				
AC. SAMPLES	:	ê	į	2	3	•		

TABLE -559 LUBIANCHIA DAY	CCFLEINI		ALMEN SAMPL	, cf 2114 82 41111	FLALEERS	rte Flbr O (F SUM	1N 0156-1 -ise (* 50	rff Lep1h JNSET- EXCL	SAMPLES-FK( UCEC	JW MED 2
VCLUFE CUETO		430	THS SAFFL	.cv (+*						
**	SURF	100	151	٤	3	4.).	30°	1000		
1						-1 • *				
AC./+CUR	ǕC	C+C	6.0	·	<b>6</b> = <b>7</b>	-1 • '	••	C.C		
NC. LCUPS	2.0	;.C	1.:	2.4	5	3.,	2.0	1.0		
NC. SPEC.	¢	ć	c	c	;	3	•	c		
NC. SAPPLES	ž	i-	1	2	-2	3	1:	1		

TAELE 560 LCEIANCFIA	CCFLEINI							TE CEFTH :		FROM MED	3
ACFALE COBIC ACFALE		CLI	THS SAPPL		\ 1.05 F(U)	2 (1 20M	(125 CK 2)	INSET EXCLI	JUEU		
	50	16.	150	2- ;	31 14	450	500	el.C	750	1000	
1-							1.7	C-3			
NC./FCUR	c:c	C.1	6.6	€.5	6. 1	4	1.7	C • 2	0.0	C.6	
NC FLURS	2.0	٤.:	c+4	6.(	۷.	٤.	3	2.0	2.0	3.0	
MC. SFEC.	•	₹		٤	٠,	4	5	1	ē	¢	

1 : ELE 561			
-CETANCHIA	ÇCFLEINI		ALMORN OF SHIPELICENS FOR FOUN IN MISCRETE BUPTH SAMPLES FROM MED 4 SAMPLES MITHIN 1.5 HOURS OF SUMBLIF ON SUMSOF EXCLUDED
VCLUPE CUEIC PM		GEP IHS	SAMPLES -(A)
77	SCL	163	
:1	17		
NC./FCUR	17.4	6.6	
NC. HOURS	1.7	1.	
NC. SFEC.	-17	*	
NÇ. SAPPLES	1	-1	

TABLE 562									
FORTANCHIA	DOFLEINI							TE DEPTH SI INSET≅EXCLU	MPLES FROM MED=1 DEB
CABIC AOFANE		- D€	PTHS SAPPL	.ED={ <b>P</b> }					
••••	25	40	70-	-150	190	235=	400	700	
=1 -2	1.0		52.C 9.0-	-0.3 -7.0	2.0	0.3			•
NO./HOUR	1.0	0.0	-41.C	-7.3	2.0	0.3:	-0.0	0.0	
NC. HOURS	1.1	1.0	1.C	-3.0	1.0	3.0-	-3.0	3.0	
NO. SPEC.	1	C	61-	22	-2	1:	0	0	
NO. SAMPLES	2	-1	1	3	-1	3	3	3	

TABLE 563											
LOBIANCHIA NIGHT	DOFLEINI		NUMBE Sampl	R OF SWII ES WITHII	IBLADDERS 1.5 HOU!	PER HCUR LS CF SUAR	IN DISCRE	TE DEPTH NSET EXCL	SAMPLES UDED	FROM-MED 2	t
CABIC		0EI	PŢHS SAMPI	.ED (P)							
MM	SURF	12	45	100	-150	200-	400	40C	800	1000	
1 2			12.C	1.0	0.3	0.3	0.5				
NC./HOUR	0.0	C.C	12.5	3.0	0.3	0.3	0.5	C.O	0.0	0.0	
AC. POURS	11.9	-1.5	2.C	1.0	3.0	3.0	2.1	1.0	3.0	3.0	
AC. SPEC.	c	Ç	25	3	1	1	1	C	o	0	
AC. SAMPLES	. 24	2	1	1	3	3	2	1	3	3	

TABLE 564										
NIGHT NIGHT	DOFLESME						IN DISCRE			ROM=MED 3
VOLUME CUBIC MM		DEF	THS SAPPL	.ED (+)						
<b>VIII</b>	SURF	50	100	150	200	300	400	500	60C	75C
1 -2		C.S	1.C 1.C	2.3		0.3				
MC./HOUR	0.0-	Ç.5	2.C	2.3	0.0	0.3	-0+0	0.C	0.0	-c.o
MC. HOURS	25.0	1.1	1.C	3.0	-2.0	3.0-	3-1	3.0	3•Č	3.0
NC. SPEC.	c	1	2	7	0	1	-0	0	c	0
-NG. SAMPLES	58-	-1	1	3.	2	3	.3	3	3.	3

TABLE 565										
MIGHT-	DOFLEINI		NUMBE SAMPL	R OF SWIT	OLADCERS	PER HCUR IS-CF SUM	IN DISCRE	TE-CEPTH INSET EXCL	SAMPLES FRO	OM-NED S-
COBIC		DEP	THS SAPPL	.ED (#)-						
MK	SURF	:50	40	135	155	250	325	-425	510	
1			2.C							
NO./HOUR	0.0-	c.c	2.C	0.0	ō•0	0.0	0.0	0.0	0.C	
NG. HOURS	7.6	1.0	1.6	1.0-	-j•0	1.0	1.0	1.0	1.0-	
NO. SPEC.	0	c	2	c	0	0-	, = <b>0</b>	o	C-	
MO. SAMPLES	15-	1	1	1-	1	1	-1	1	10	

TABLE 566

ETAPHUS DAY	raf in Esqu	E I-		NUMBE Sappl	R OF SWIP Es-Within	BLACCERS 1.5 HCUR	PER HOUR II S OF SUNRIS	OISCRETE CE SE CR SUNSET	PTH SAMPLES EXCLUDED	FROM M	ED 1.
VCLUPE CUBIC MM			DEP	THS SAPPL	ED ( <b>)</b>		•	٠			
re-	1	5 <u>C</u>	235	375	500	700	940				
10					0.5						
11 12				•	C.5						
12 14	*				C.5						•
15 16					C.5						
17 18	•				C.5						
19 20	•					•					
21											
23	•										
24 25											
21 22 23 24 25 <b>24</b>					-C•5						
70			•		-C.5						
71					•••						
71 72 73 74											
<b>1</b>				•	0.5						
<b>45</b>					-1.c						
96 97											
98 99											
100- 101:					1.C						
102 103											
104											
105				_	:0.5						
AC .ZHOUR		•C	C•C	Ĉ∙C	-6.5	0.0	0.0				
NCHOUR		•G	2.C	3 • C	2.C	3.0	3.0		x		
NC. SPEC	•	С	·c	c	13	C	e				•

,

4> 4 \*

TARLE 568

SIAPHUS RAFIN CAY	ESCUE I		NLMUE SAMPL	H CF SWIP ES WITHIN	ELAUCERS. 1.5 hCUP	PEK HCUR 5 CF SUNF	IN CISCRE ISE CR SU	TE CEPTH NSET EXCL	SAMPLES F UDEC	RO4 ME
CUBIC	*	. OF6	THS SAMPL	ED ( <b>)</b>						
P.F	50	100	150	200	300	400	500	600	75C	1000
12 13 14 15							7			
16 17 18 19							)•2			
20 21 22 23 58							).3			
59 60 61 62 63								C.3		,
64 65 66 67 68 69 70							7•3	C•7-		
94 95 96 97							,•=	·.7		
99 00							0.2			-
37								:•3		
59							9∙3			
209								C+3		
NE./FCUR	Ç.C	€•¢	t.C	C•,C	C.e.C	ียั•เก	2.3	2.3	C•C	5 <u>.</u> 0
NC. FOURS	2.0	-6•€	2 • C	6.C	2.G	3.€	3.3	3.C	2 • C	3.;
NC. SPEC.	С	c	С	¢	ŗ	÷	7	7-	С	С
NO. SAMPLES	2	6	2	c	2	3	3	3⁼	ž	

TARLE 569			<u>.</u>
CIAPPUS RAF	INESQUEI		NUMBER OF SWIMBLACCERS PER HOUR IN DISCRETE CEPTH SAMPLES FROM MED 4 SAMPLES WITHIN 1.5 HOURS OF SURFISE OR SUNSET EXCLUDED
VCLUPE -CUBIC - PP		DEP THS	SAPPLED (P)
	SCC	7C Č	
19 75 76 77 78 79	1.C		
NC•/+CUF	2.0	C.C	
NC. FCURS	1.0	1.0	
NC. SPEC.	Ž	C	
NÇ. SAMPLES	1	1	

NUMBER OF SWIMBLACDERS PER HOUR IN DISCRETE CEPTH SAMPLES FROM MED 5 SAMPLES WITHIN 1.5 HOURS OF SURFISE OR SUNSET EXCLUDED CIAPHUS RAFINESQUEI VCLUPE DEPTHS SAPPLED (P) CUBIC MM \* 675 495 410 34C 25C 160 1.0 122456789011234567890112111111111222222222223333 0.5 1.5 :C.0 0.C -C • C C.C C.G NC-/FCUR 2.0 1.0 1.0 1.0 1.0 1.0 NC. FCURS 3e C C C NC. SPEC. Ž 1 1 1 1 NC. SAPPLES

DIAPHUS NIGHT	RAFINESQUEI		NUMBE SAMPL	R OF SWIS	ISLADDERS.	PER HOUR- S OF SUM	IN DISCRE	TE DEPTH SA NSET EXCLUD	MPLES FROM EU	MED
COB 1C	•	DEP	THS SAMPL	ED (M)		,				
<b>19.84</b>	25	40	70	150	190	235	400	700		
21					•	*	0.3			
-22 23										
24 25							•			
26 27										
28					1.0	0.3				
<b>~</b>					1.0	4.5				
61										
23 24 25 26 27 28 29 40 40 41 62 63 64										
45										
66 67										
-6 <b>8</b> 69										
70 71										
-72 73								÷		
74 75										
76 77										
78			×							
7,9 80										
81 82								**		
83 84							0.3			
NO./HOU	-0.0	0.0	0.0=	0.0	±1.0	0.3	0.7	0.0		
.MO. HOU	.j.1	1.0	1.0	·3•0 _	افعلا		3.0	0		
· NO. SPE	O	•	c	- O	1	1	2-	- <b>Q</b>		
NO. SANI	LES 2	1	1-	3	1	3	3₌	.3		

TABLE 572

-	DIAPHUS NIGHT	RAFINESQUEI		NUMBE Sampl	R OF SWII	BLADDERS	PER HOUR S OF SUM	14 DISCRI RISE OR SU	ETE DEPTH INSET EXCL	SAMPLES F UDED	ROM MED 2
. ,	CUBIC CUBIC VCLUME	•	Def	THS SAMPL	LED (M)						
		SURF	-12	45	100	150	200	400	600	800	1000
	10			0.5							
	-11			9.5							
	12 13			0.5							
	14			0.5				•			
	15			•••	1.0						
	15 16										
	-17						0.3				
	-18 -19										
	20						0.3				
	20 21										
	22										
	23										
	24 25										
	26						0.7				
•	27										
	27 28										
	29 30										
	30										
	31 32										
	33										
	34										
	35						0.3				
	NO./HOUR	= <b>C - G</b>	0.0	2.C	1.0	0.0	1-7	0.0	<b>:0</b> •0	0.0	0.0
	NO. HOUR	\$ <u>-1</u> 1.9	1.5	2.C	1.0	3.0	3.0	2.1	1-0	3.0	3 <b>.</b> 0
	NO. SPEC	. 0	0	4	1	0	-5	0-	ò	-0	Q.
	NO. SAMP	LES- 24	2	į	1	3	-3	2-	1	3	<u>ą</u>

TABLE	573									
DIAPHUS NIGHT	RAF INESQUEI		NUMBE!	R OF SWIM ES WITHIN	BLADDERS 1.5-HOUR	PER HOUR I S OF SUMP!	IN DISCRET ISE OR SUN	E DEPTH :	SAMPLES FRI JDED	M MED 3
COBIC ACTOME		DEI	THS SAMPLE	ED ( )				•		
	SURF	50	100	150	200	300	400	500	<b>\$00</b>	750
4							0.3			,
6 .										
5 6 7 8 9		0.9								
10		· Ç.9								
11 12										
13 14		0.9	1.0							
15 16										
17		c. <del>s</del>								
29				0.3						
54	0.04			0.3						
55 56										
57 <sup>-</sup> 58-						0.3				
59 60								•		
61 62										
63: 64										
65 66-							0.6			
67- 68-										
69-							0.3			
70- 71-							·-	<b>y</b>		<del></del> -
72 73-										
74- 75						0.3	0.3			
76 77										
78 79							0.3		•	
77 78- 79 89-						0.3	0.3			
100					0.5					
					007					
137- 138- 139-						0.3			03	
140										
142										
144								0.7		
174										
140 141 142 143 144 174							0.3			
NO./HO	ur o.	۸						•	0.3	
HO • = HO			:1.C	0.7	0.5	1.3	2.6-	0.7	0.7	0.0
NG. SP			1.C	3.0	2.0	3.0-	3.1	3.C	3.0	3.0
NO. SA		1 4	1	2	1	4-	8.	2	2	C
770. 3A	mrita 5	<b>A</b> 1	•	•	_				-	

CUBIC CUBIC SURF 50 80 135 155 250 325 425 510  84 65 86 67 88 89 90 90 91 92 93 94 95 99 90 100 100 101 101 102 103 104 105 106 107 108 109 110 111 112 112 113 114 115 116 117 118 119 110 110 111 111 112 112 113 114 115 116 117 118 119 119 120 121 122 1223 1234 124 125 127 127 128 129 127 129 120 120 121 121 121 122 122 123 124 125 127 128 129 120 120 120 120 120 120 120 120 120 120	NIGHT RA	FINESQUEI		NUMBER	R OF SWIMES WITHIN	BLADDERS 1.5 HOUR	PER HOUR S OF SUM	IN DISCRE	TE DEPTH NSET.EXCL	SAMPLES FI UDED	ROM - MED
SURF 50 00 135 153 250 325 425 510  84 65 86 87 88 89 90 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 105 106 107 108 108 108 108 108 108 108 108 108 108	CUBIC	•	DEPTHS	SAMPL	ED (#)						
86 87 88 89 99 90 91 92 93 93 94 95 96 97 98 99 00 01 01 02 03 04 04 05 06 07 08 09 110 111 112 121 13 14 15 16 17 17 18 18 19 20 21 22 23 23 24 24 25 174 00,/HQUR 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	VIII	SURF	50	<b>8</b> C	135	155	250	325	425	510	٠
80										1.0	
100   101   102   103   104   105	36										
100 101 102 103 104 105 105 107 108 109 101 101 102 103 104 105 105 106 107 108 109 109 101 101 102 103 104 105 105 106 107 108 109 109 109 109 109 109 109 109 109 109											
1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0											
1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0	ì										
25	3										
100 101 101 102 103 104 105 106 107 108 109 109 101 101 108 109 109 101 109 101 101 101 101 101 101	14										
100   100	16										
00	8										
1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0	00							•			
1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0											
1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0	3										
77 88 99 00 11 12 12 12 12 12 12 12 12 12 12 12 12	5										
10 11 12 13 14 15 16 17 18 19 10 11 12 12 12 13 14 10 10 10 10 10 10 10 10 10 10 10 10 10	7										
11											
12 13 14 15 16 17 18 19 20 21 22 23 24 25 24 25 24 25 24 25 27 20 21 21 22 23 24 25 26 27 27 28 29 20 20 21 21 22 23 24 25 26 27 28 29 20 20 21 21 22 23 24 25 26 27 28 29 20 20 21 21 22 23 24 25 26 27 28 29 29 20 20 21 21 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20											
1.5 1.6 1.7 1.8 1.9 1.0 1.2 1.2 1.4 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	12								•		
16 17 18 19 20 21 22 23 24 25 <b>B</b> 74 23/H <u>ộ</u> UR "0.0 C.Q "0.0 0.0 Q.Q 0.0 0.0 2.0	14										
1.9 10 12 12 13 14 15 10 10 10 10 10 10 10 10 10 10	16										
19 20 22 23 24 25 25 20 20 20 20 20 20 20 20 20 20 20 20 20	17										
11 22 33 14 15 16 74 3./HợUR "0.0 C.O "0.0 0.0 0.0 0.0 0.0 2.0	19										
23 24 25 <b>0</b> 74 3./HợUR "0.0 C.Q "0.0 Q.Q 0.0 Q.Q 0.0 °O.Q 2.Q	21										
24 25 <b>B</b> 74 D <sub>2</sub> /H <u>ộ</u> UR "0.0 C.Q "0.0 0.0 Q.Q 0.0 °0.0 2.0											
1.9 0./H <u>ộ</u> UR "0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.0	24										
D./HOUR 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.0											
		·A A	0.0	0.0	A-A				<i>:</i> 0 0	•	
NO TOWNS TO SON TOWN TOWN TOWN TOWN TOWN TOWN TOWN			-		-		=				
D. SPEC. 0 :0 0 0 0 0 2			,								

TABLE 575 CIAPHUS HOLTI

NUMBER OF SNIPELACCERS PER HOUR IN DISCRETE CEPTH SAMPLES FROM MED 1 SAPPLES NITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

COBIC ACTOME		DEP	THS SAPPL	ED ())		
, hir	150	235	375	500	700	940
2				2.5		
2 2 4 5,5 7 8 9					}	
ÇŞ.		×	,			
7						
9						
11						
12. 13	•				*	
14	*					
15 16		•				
17 18						
19 20		c.s				
				2 5	3.0	9.0
NC./HOUR	C.C	Ces	C.C	2.5		
NC. FCUPS	3.0	2.C	3.C	ž•¢	3••1	3.4
NC. SPEC.	. 0	1	- <b>C</b> -	5	o	<i>2</i>
NC. SAPPLES	3	i	ä	2	3	2

TABLE 576

CIAPPUS FCETI NUMBER OF SHIPPLACCERS FOR FOUR IN DISCRETE CEPTH SAMPLES FROM MED- 2 SAMPLES WITHIN 1.5 HOURS OF SURFISE OF SURFISE OF SURFISE EXCLUDED

VOLUME CURIC MP SURF 100 150 -200 30 40. 80 1000

1.0 2 0.0 :C.C 0.2 1.0 0.0 C.C AC-/FCUR 1.0 2.0 2.0 3-^ 2.0 AC. HOURS 4) 0 C C **- (** NC. SPEC. 3 2 NC. SAPPLES

	*									
TABLE577										
DIAPHUS HOLTI DAY								TE CEPTHE INSET EXCL		FROM MED :
VCLUPE CUBIC PH		DEP	THS SAPPL	EO (*)						
• •	50	100	150	200	3CC	400	500	600 ×	756	1000
2								2.7		
AC./FCUR	C.0	0.C	C.C	C.C	ċ.0	7.5	7.0	2.1	0-0	6.0
NC. FOURS	2.C	6.C	2.C	6.C	2.0	3.0	3.;	3.C	2,4	3.0
NC. SPEC.	0	C	C	c	Ç	^	7	ð	Ů	C
NC. SAMPLES	2	ŧ	ż	6	2	3	3	?	2	2
*	*				,					
TARLE 578										
CAY FELTI	•	•						ETE CIPTH UNSET FXCL		FRŮM MED
VCLUPE CUBIC MP		UF	PTHS SAPF	Let ()						
	SCC	700								
3	1.C									
NC-/FCUF	1.C	Cat								
NCHCUFS	-1.0	1.0								
NC. SFEC.	1	:								

TARLE 579								
CIAPLUS FELTI							DISCRETE CEPTH SAMPLES CR SUNSET EXCLUDED	FROM-MED 5
ACTORE COBIC ACTORE		DEP	THS SAPPL	ED (+)				
<b>F</b> F	-16C	257	340	41-	497	675		
2						2.5		
2 2 4	≣1 <u>.</u> C					***		
NC./FOUR	- <u>1</u> •C	C•¢	C.C	C.C	0.9	1.7		
NCFGURS	i.c	1.0	1.0	1.0	-1.0	2.5		
NC. SPEC.	1	¢	c	:	ა	2		
1.C CAMOL CC		-1-		,	,	3		

NC. SAMPLES

TABLE 5	60									
CIAPPUS NICHT	FCLT1								TE CEPTH SAM	PLES FROM MED 1
VCLUPE CUBIC PP			DEPTHS	SAFF	LED ()					
••		25	40	7C	150	190	235	400	70C	
2 3 4 5							0.3	0.7		
4 7 8 9 10 11 12 13					0.3-					
14 15 16 17 18					1.0 2.0 0.7 C.7 C.7	3.0 4.0 1.0				
20					C-3					
AC./FCUR		C•C	-C.C (	:.c	5.7	9.0	-0.3	G.7	0 • Ö	
AC. HOUR	5	1.1	-1.C	l.c	3.C	1.0	3.0	3.0	3.0	
HC. SPEC	•	-C	c	C	17:	9	1	2	C	
AC. SAMP	LES	2	1	1	<u>ş</u>	1	3	3	ä	

TABLE 581 ALPBER CF SHIPPLACTERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 2 SAMPLES WITHIN 1.5-HOURS CF SUNRISE CR-SUNSET EXCLUDED CIAPHUS FOLTI VCLUPE CUBIC MM DEPTHS SAPPLED (P) 800 1000 200 400 écc 100 150 SURF 14 15 0.0 0.0 C.C 0.0 0.0 2.C C-0 NC-/HOUR C.0 C.C C.C 3.C 3.0 3.0 2.1 1.0 11.9 -1.5 2.C NC.-HOURS C 0 -C 0 0 C C c AG.-SPEC. 3 3 3 2 :1 2 1 NG. SAMPLES-24

DIAPHUS SELTI NIGHT		•	SAMPL	ES WITHII	1.5 HOU	PER HOUR S CF SUM	ISE OR SU	NSET EXCL	UDED	NON NEW
MM CRBIC ACTORE		DEP	THS SAPPL	.ED (#)						
,	SURF	5C	100	150	200	300	400	500	600	750
2: 3 4. 5; 6 7 8: 9			2.0		1.5				0.3	
12 13 14 15 16 17				0.3 0.3						
1¢ 19			1.0							
ICI/HOUR	-C.O	C.C	3•Ç	C.7	2.0	0.0	0.0	-0 <b>-</b> C	0.3	C.0
NC. HOURS:	25.0	1.1	1.C	ã.c	2.0	3.0	3.1	3.0	3.0	3.0

DIAPHUS - FOLTI NIGHT							IN-DISCRE USE∛CR SU		SAMPLES-FR UDED	OM-MED !
COBJC ACTOME		-DEP	THS -SAPPI	.ED=(+)						
· MP	SIGE	5¢	ğς	135	155	250	325	425	510-	
-2 3 4			1.0		5.0 3.0 1.0			1.0		
HC./HCUR:	C.0	Q.C	1.0	-0.C	9.0-	0.0	0.0	1.0	0 • C	
AC. HOURS	7.8	1.C	1.0	-1.C	1.0	1.0	-1.0	1.0	1.0	
NO. SPEC.	0	C	1	٥	•	0	0	1	-C	
NG. SAMPLES	15	-1-	1	1	1	<b>1</b> -	1	1	1	

LAMPANYCTUS CROCCICILLS
DAY

ALMBER OF SUIPPLACCERS PEN FOUR IN DISCRETE CEPTH SAMPLES FROM MED 1
SAMPLES WITHIN 1.5 HOURS OF SUNFISH UP SUNSET EXCLUDED

VOLUME
CUPIC
MY

15C 235 375 SLC 770 947

1.5 18.2 2.3 5.3 5.3 Ç.3 r •7-NC-/+CUR ... 22.1 0.0 :•• 3.0 AC. FEURS 2.0 3.5 3.0 NC-SPEC. ¢ ¢ 07 AC. SAPPLES 2 2

TAELE 585

11666 283									
LAMFANYCTUS -CAY	CROCCEILUS		NLPHÉ SAPFL	R CF SWIM ES WITHIN	PLACUERS 1.5 FOUR	PES FCUP IS CF SUNI	IN CISCH	ETE CEPTH SAMPLE JASET EXCLUDEC	S FRCA-MED 2
VCLUME CUBIC MM		CEP	THS SAPPL	(4) D3					
	SURF	11.0	150	265	344**	43,	t <sub>e</sub> )	1000	
1 2 4 5 7 8 9		1.0					7.0 2.0 3.5		
-6 -7 8 9							1.5		
11° 12 13	*				*				
14 15 16 17	*								
15 20 21									
22 22 24 -25 26				ř			×	1.0	
26 27 28 29 20 21 22 33 24									
21 22 33 24									
35 36 37 38									
29								-1.€	
AC-/FCUR		1.C	U.C	C.č	Coc		17.5	2.C	
NC. FCURS	2.0	2.0	1.6	2.0	2.5	3.0	2 •••	1.C	
AC 5055	^						514		

DAY	-		SAPFL	ES WITHIN	1.5 HCU	S CF SUN	ISE CH SU	TE CEPTH INSET EXCL	.UDED	*
COEIC ACTORE		CEP	THS SAPPL	.to (+)						
<b>F</b> .	5C	100	150	2 <u>.</u> CC	302	40%	50)	600)	75C	1030
1 2 3 4 5 6 7 8		C•2	C•\$	C•3					2.0 2.0 1.0	
6 7 6 9 100.									C • 5	C+2
111 122 103 104	•				•					
196 107 108 108									₹•5	
110 111 112 117							*			
114 115										C•2
NC•/FCUF	C.C	C.2	C. 5	Ç.5	6.0	2.03	) • tr	0.0	é.C	ć.7:
NC- FLURS	2 • C	6.0	2•Ç	6.0	2•0	3	3.0	3.0	2.C	3.6
NC. SFEC.	r	1	-1	3	,	•	.)	С	12	2
NC. SAMPLES	ž	é	ž	6	2	3	3	3	2	7.

TABLE 587

E

LAMPANYCTUS -CROCOCILUS NUMBER CF SWIMBLACOERS PER HCUR IN DISCRETE CEPTH SAMPLES FROM MED 1 SAMPLES WITHIN 1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED

### 25 4C 7C 150  1	190	235	400 0 • 3	700 0-7 0-3	
1 2 2.0 3 2.C			0.3		
3 2.0			0.3	0.3	
<u>\$</u> 6					
7 8					
-9 10					
11 12				0.3	
14					
15 16 17					
-18 19				0.3	
30				G.3	
108				0.3	
NC./HGUR C.O C.O 4.C 1.C	0.0	0.0	0.3		
		Ç.O	0.3	2.2	
	1.0:	3.0	3.0	3.0	
NG. SPEC. 0 C 4 3 AG. SAMPLES 2 1 1 3	0: 1-	0	:1 3	7	

LAMPANYCTUS NIGHT	CROCODILUS	ILUS  NUMBER OF SWINBLADDERS PER HOUR IN:DISCRETE DEPTH SAMPLES FROM ME SAMPLES WITHIN 1.5 HOURS. OF SUARISE OR SUNSET- EXCLUDED										
MW COBIC AGEOME	•	DEF	THS SAMPL	LED (P)								
nn.	SURF	12	45	100	150	200-	400	60C	800	1000		
1			5.5		0.3							
2 3			3.C 1.5	1.0	0.3				0.3			
4 5				1.0								
2 3 4 5 6 7 8			0.5									
9 10				1.0					0.3			
11 12									•••			
13 14									0.3			
15									0.3			
16 17												
18 19												
20									C-3			
21 22 23												
24									C•3			
25 26									6.3	0.3		
27 28									0.3			
<b>**</b>									0.5			
64 65										0.3		
66												
67 68												
69 70												
71 72												
73												
-74										0.3		
110 111										0.3		
112 113												
114												
115 273												
									C.3			
NC./HOUR	=C•0	0.0	10.5	3.0	0-7	0.0	0.0:	<b>=</b> 0 • 0	2.9	1.3		
NG. HOURS	11.9	1.5	2.G	1.0	3.0	3.0	2.1	1.0	3.C	3.0		
NC. SPEC.	O	-C	21-	3-	2	0	0-	o	9	Å.		
NO. SAMPLES	24	3	1	1	3	3	2:	1	3	4		

NIGHT VCLUME CUBIC	SAMPLES MITHIN 1.5 HOURS OF SUMMISE OR SUNSET EXCLUDED  DEPTHS SAMPLED (P)														
MM CORIC		DEF	THS SARPL	.ED (P)											
	SURF	50	100	150	200	300	400	50C	60C	75C					
3		C-9	1•¢						C.3	0.3					
5							0,.3			0.3					
3 4 5 6 7. 8 9									0.3						
8 9										C.3					
10 11										-					
12 13:															
14 15															
16 17															
16															
19 20-															
21 22															
23 24:															
25 26															
27- 28															
29 30															
31-															
32 33															
34 35							0.3								
36										C-4					
117										0.3					
NO-/HOUR	:ȕ0	0.9	1.0:	<b>0.0</b>	0.0	0.0:	0.4	0.0	0.7	1.3					
NO. HOURS	29.0	1.1	1.0	3.0	2.0	3.0-	3.1	3.0	3.0-	3.0					
NC. SPEC.	0	1-	-1	0	•	Õ	2	C	2	-4					
NC. SAMPLES	58	1	1	3	2	3-	3	2	3-	3					

								•
TABLE 590								
LAPFANYCTUS LAY	PUSILLUS						IN CISCHETE ( ISE CH SUNSEI	S FRUM=MED 1
COEIC COEIC PP		JEI	ins SAPPL	(4) O)				
	155	234	275 د	560	700	144		
] 2 3				C.5	2.3 2.0 3.7 6.6	. 3.3		
Š					2.7	•3		•
NC ./FCUF	C+C	c.:	3.5	C.5	15.2	3.3		
NCHOURS	2.0	٠.	2.0	c."	3. *	5 · /		
NC. SPEC.	;	•	,	1	2:1	1		
AC. SENELIS		,	3	2	,			

TARLE 591										
LAMPANYCTUS CAY	PUSTLLUS		ALPHE SAPPL	A LE SHLA Albila es	ELALCES 1.5 HUUF	41 6 EC14	17 F FK 20 17 E 12 Cui	CTE CLPTH S JASHI EXCLU	AMPLES FK CEC	04 460 2
vctu»C CUEIC		ULP	THE SAFFE	ED =( +)						
`pp	SURF	15	150	210	(-ر	4	325	1600		
3 4 E						•	).5 \.5 0.5 0.5			
NC./FCUF	c.c	Ç.,		2.0	• *	= •	2.5	(		
NC. FCUFS	č•-	ē•%	1.0	2.6	2	3.	۷.	1.6		
NC. SPEC.	c		τ	\$	•		4	C		
NC. SAPPLES	ž	ž	1	2	2	3	1	1		

TABLE 592										
ŁĄPPARYCTUS DAY	PUSĪĻLUS		<b>∧L*</b> 11€ S∧*PL	e cr shir Es bithin	PLALLERS 1.5 HCU	FLF HCU: J CF SUNK	IN DISCAS ISE CA SC	IVSEL FÄCT	SAMPLES I	FROM MED 3
VCLUPE CUEIC		DeP	145 ŠAPFL	EU (+)						
- 44	\$0	16*	156	50:	300	471.	5.0	enc	75C	-1000
- <u>1</u> -2								17.1=	C+5	
3 4									C • 5	C • 2
AC./FCUF	-c.č	c.^	C.C	g.,	:.;	7.3	).3	17+1=	-1-5	C•2
AC. FCUPS-	2.6	e.c	2.0	6.6	2.,	3.7	2.4	2.0	2 • C	3.0
NC. SPEC.	ť	c	-(	c	c	J	ō	14	2	1
NC. SAMPLES	2	£-	2	6	2	3	3	3-	ž	ż

							•	
TABLE 594		•					ż	•
LAPPANYCYYS Day	PUBILLUS					PEG HOUR-IN S-CF SUARIS	DISCRETE DEPI E OR SUNSET EI	TH SAMPLES FR
COBIC.	*. ·	DEP	THS SAPPL	.ED (P)			¥	
M.	160 '	256	346	410	495	675		×
. 1	*. • .					5•0		
• 🕻 🐪	1.0		`		•	•		
NC+/NOÚR	1.0	0.0	0.0	0.0	C.O	2.0		
NO. HOMAS	1.0	1.0	1.Ç	-1.C	-1.0	2.0		
MC. SDEC.		•		٠	•	•		



TABLE 595										
LAMPARYCTUS NIGHT	PUSILLUS							TE DEPTH S	AMPLES FROM MEI DED	<b>1</b>
COBIC ACTORE		DE	PTHS SAPPI	LED- (P)						
••	25	40	70	-150	190	235	400	70C		
1 2 3 4 5			7.C 8.C 6.C 15.C 2.C	1.7						
NC./FCUR	C•0	C.C	38.C	1.7	0.0	0.0	-0.0	0.0		
AC. HGURS.	1.1	1.0	1.C	3.0	1.0	3.0	3.0	3.0		
NC. SPEC.	C	c	šε	5	0	0	0	c		
AC. SAMOLES	2	1		2		2	2	2		

TABLE 596										
LAMPANYCTUS NIGHT	PUSILLUS			A≓OF SWII LES WITHII						FROM MED 2
MA COBIC ACTORE		€Ď€	PTHS: SAPPI	reō. (þ)						
•••	SURF	12	-45	100	150=	200	400	60C	€oc	:1000
1 2 3 4 5			7.5 2.6 1.5 1.6	1.C 4.C 1.0	C.7: O.3: G.3:			1 <b>.</b> c	C.3	
MC./HOUR:	C-0	0.¢	12-C	6.C	1.3	-Q•0	0.0	1.C	-C.3	:0.0
AC. HOURS	-11.9	1.5	2∙c	1.C	3.0	3.0	2.1	1.0	3.C	3.0
NC. SPEC.	0	С	24	•	4	-0	0	1-	1	0
AC. SAMPLES	24	ã	1	1	ş	3	2	i	3	3

TABLE 597										
LAMPANYCTUS NIGHT	PUSILLUS-		SAPPL	R-OF SHIP ES WITHIN	LELADDERS	PER-HOUR IS OF SUAF	IN DISCRE	TE DEPTH INSET EXCL	SAMPLES F .UDE <u>D</u>	ROM MED 3
COBIC		GEF	THS- SAMPL	ED (7)						
MP	SURF	50	100	150	200	-300	400	50C	600	750
2 3		C.5	2.C 3.C							
NC./HCUR-	<b>0.</b> 0∈	C.9	*5.C	0.C	0.0	0.0	0.0	0.0	-0.C	0.0
NC. HOURS	29.0	1,1	-1.C	3.0	2.0	3.0	3.1	3.0	3.0	3.0
NC. SPEC.	0-	-1	5	C	0	0	0	-G	0	0
NC. SAMPLES	58:	1	1	3	.2	3	3	-3	3	3

TABLE 59	98
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LAMPANYCTUS -NIGHT	PUSILLUS		NUMBE SAMPE	R OF SWII	GLADDERS	PER-HOUR IS OF SUM	IN DISCRE	TE DEPTH	SAMPLES 1 .UDED	haon neo !	,
COBIC		DE	PTHS SAMPI	LED (#)							•
MM	SURF	5C	<b>e</b> C	135	155	250	325	425	510	•	
1 2 3 -4 5		1.0	11.C 1.G 4.G	1.0			1.0	,			
NC./HOUR	0.0	1.0	17.C	1.0	0.0	0.0	1.0	0.0	0.0		
NO. HOURS	7.6	1- <u>C</u>	1.C	1.0	1-0	1-0	1-0	1.0	1.0		
AC. SPEC.	0	1	17	1	0	0	1	0	0		
NG. SAMPLES	15	-1-	1	1	1	1	1	-1	1		

TAEL 6 - 599						•			
CEPATOSCI PELI	US MAGENER	<b>31</b> 5	AL PUE SAMPL	e if sel Es withi	}ELACCE+5 N 1.>-FCL	rf- FCU2 IN DIS 5 CF 538ISE C4	TINSET EXCL	SAMPLES FROM ME OUTED	F9 -1
VCLUME -CUBIC MM		UEF	THE SAPFL	(4) (13.					
** -	154	222	315	۶.·.	7.	94 '			
l 2	1.3	Co.	*•\$	ۥ1	10300	•3			
2 4 4 6				4.0%		1 • 4 1 • 3 3 • 3			
ŊC•/FCUR	t.3	·.:	1. :	1.5	14:5.	2.3			
-NC. FCUES	3.0	٤٠:	3.4	20%	-•	3.0			
NC. SPEÇ.	1	-1	1	3	317	7			

ALMARA OF SMIAELACCERS FOR EASH IN CISCHETE CEPTH SAMPLES FROM MED 2 SAMPLES MITHIN 1.5 HOURS OF SIMPLES OF SURSET EXCLUDED CERATOSCOPELUS MADERENSIS DAY

VCLUPE		DEP						
44	SLXF	10.	150	240	<b>3</b> (.	4 5.7	ا ال	- 1004
1							21.5	
2 4 5							J-5	x
NC./FCUH	(•	r•:		:	1.,	•	7200	0.0
NCHOURS	2.°	2.5	1.6	2+(	2."	3.1	٤.٠	1.0
. NE. SPEC			č	*	•	,	44	¢
AL SAMPLES		:	1	,	2	à	1	3

TARLE 601

NUMBER OF SMIRELACCINS FOR FOUR IN GLOCKETS CORTH SAMPLES FROM MED 3 SAPPLES WITHOUT LOS MOUNTS OF SUR ON SURSEL EXCLUDED CERATOSCUPELUS MACERCASIS

ACTORE		ne.	Irs Safil	ನ (ಕ)					_	10/ 0	
Ph	ç	1^.	15.	210	3,	4 1	5. ·	61.0	750	1000	
1 2 4 5 6 7 8	·	, • ¢	4	C.7 C.2				1•3	72.1	3.2	
ë- 7 8									72.4	C.2	
NC./FCUR	4.0	2.2	6.5	:• c	1.	ā•3	1.5	1.2	72.0		
NC. FCUAS	2.6	6.5	20%	6.3	2.5	٠.٠٤	3.00	3.0	2.0	3.€	
NC == SPEC ==	ċ	1	1	<b>5</b>			•	-4	144	9	
AC. SAMPLES	z	Ł	2	ć	<u> </u>	3	3	2	2	2	

TABLE 602

NUMBER OF SHIBELACCERS PER HOUR IN LISCHETE CEPTH SAMPLES FROM MED-4 SAPPLES WITHIN 1.5-HOURS OF SUN-ISE OF SUNSET-EXCLUDED CERATOSCOPELUS MACEPUNSIS

VCLUPE CUBIC MP		DEPTHS SAPPLED (P						
ne .	500	100						
1.		1¢•¢						
NC./FCUR-	0.0	10.0						
Nº. HOURS	1.0	3 • C	=					
NC. SPEC.	c	:10						
NC. SAPPLES	1	<b>I</b> .						



271

TABLE 603

CERATOS COPELUS NIGHT	MADEREN	\$1\$	-NUMBE SAMPL	R OF SWIP ES WITHIN	OLADDERS	PER HOUR IS OF SUM	IN: DISCRI	ETE DEPTH INSET EXCL	SAMPLES FR UDED	DM MED	1
MW COBIC ACFAWE		· DEF	THS SAPPL	ED (A)							
nr.	25	40	70	150	190	235	400	700			
1 2 2	6.5	-8.C	4.G	0.7		1.0	0.3	12.3			
5	1.0-		2.C	1.0							
6 7	C.8 1.0		4.C 1.C	1.0							
NC./HOUR	11.3	8.C	14.C	4.0	0.0	1.0	0.3	12.3			
NC. HOURS	1-1	1.0	1.6	3.0	1.0	3.0	3.0	3.C			
NC. SPEC.	12	•	-14	12	0	3	1	37			
NO. SAMPLES	2	1	1	3	1	3	3	3			

TABLE 604

CERATOS COPELUS NIGHT	HADERE	NSIS		NUMBER OF SUINBLADDERS PER HOUR IN DISCRETE CEPTH SAMPLES FAOM MED SAMPLES WITHIN 1.5 HOURS OF SUMRISE OR SUNSET EXCLUDED									
VOLUME CUBIC MM:		DE	PTHS. SAPPI	S. SAPPLED (M)									
<b>~~</b>	SURF	12	45	100	150	200	400	<b>♦</b> GC	€C0	1000			
1 2 3 4 5		94.1-	4.5		3.0			:1.0	3.3				
7			:1.C		0.3								
8 9 10 11 12			-0.5 -1.C										
-13			1.0										
-14 15 -16 17 18			, 0.5										
20 21			0.5										
NO./HOUR	0.0=	-94-1	13.0	0.0	3.3	0.0	0.0	1.0	3.3	0-0			
NC. HOURS	-11.9	1.5	2.0	1.0	3.0	3.0	2.1	1.0	3.0	3.C			
NG. SPEC.	0:	132-	. 26	Q	10	<b>Q</b> -	0	1	10	0			
NO. SAMPLES	24	3	1	1	3	3	2-	1	3	3			

CERATOS COPELUS NIGHT	MADERENSIS NUMBER OF SWIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED : SAMPLES WITHIN 1.5 HOURS OF SUMRISE OR SUNSET EXCLUDED											
AGLOME AGLOME		DEF	THS SAPPL	LED (F)								
	SURF	50	160	150	200	300	400	500	600	75C		
1: 2: 3 4: 5		1.6	1.C		0.5	0.7			0.3	11-1		
7 8 9 10- 11 12 13		C.5 C.5										
13		C.S										
NC./FOUR	C-0	4.6	1.C	0 • C	0.5	0.7	0.0	0.0	0.3	11.1		
NC. HOURS	29.0	1.1	1.0	3.0	2.0	3.0	3.1	3.0	3.0	3.0		
NO. SPEC.	0	5	1	0	1	2	0	c	1	34		
NC. SAMPLES	58	1	1	3	2	3	3	-3	3	3		

TABLE 606	
CERATOSCOPELUS MACERENSIS NIGHT	NUMBER OF SWINGLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM MED 5 SAMPLES WITHIN-1.5 HOURS OF SUNRISE OR SUNSET EXCLUDED
VOLUME	DEDTUE CAMBIED AND

VGLUME CUBIC :MM		DE	PTHS SAMPL	.ED (¥)					
	SURF	-50	<b>8</b> 0-	135	155	250	325	425	510
1: 2 3 4 5 6 7 8 9		<b>8</b> _0	38.C 1.C 1.C	7 <u>.</u> ç					
5 6-			1.6 1.6						
8 9. 10 <sup>-</sup>			1.C 1.C						
11: 12:			1.0						
NC-/FGUR	C.O-	8.0	45.C-	7.0	0.0	0.0	0.0	0.0	0.0
NGHOURS.	7.8-	1.0	1.C	1-0	1.0	1.0	1.0	1.0	1.0
NO. SPEC.	0		45	-7	0	0	0	-C	C
NO. SAMPLES	15	-1	1	1	1	, - <b>1</b>	1	-1	1

ABL	607

NOTOSCOPELUS NIGHT	KROYERI							TE DEPTH S	SAMPLES FROM-MED 1
VCLUME CUBIC MM		OEF	THS SAMPL	ED (F)					
•••	25	40	70	150	190	235	400	700.	
4	-1.0	8.C	1.0	C.3				C.3	
NC./HOUR	1.0	e.c	1-C	0.3	0.0	0.0	0.0	0.3.	
NG. HOURS	1.1	1.C	1.¢	3.0	1.0	3.0	3.0	3.0	
NC. SPEC.	1	•	1	1	0	-0	0	1	
AC. SAMPLE:	2	1	1	3	1	3	3	3	

IABLE	608

NOTOSCCPELUS NIGHT	KROYERI		NUMBER OF SLIMBLADDERS PER HOUR IN DISCRETE DEPTH SAMPLES FROM-MED 2 SAPPLES WITHIN 1.5 HOURS OF SUARISE OR SUNSET EXCLUDED									
VGLUME CUBIC MM-		DEP	THS SARPL	.ED (P)				•				
•••	SURF	12	45	100	150	200	400	400	800	1300		
4		C•7	7.5									
NC./HOUR	-0.C	0-7	7.5	-G. C	0.0	0.0	-0.0	0-C	C-0	0.0		
NC. HOUFS	11.9	1.5	2.C	1.0	3.0	3.0	2.1	1.C	3.C	3.0		
NG. SPEC.	0-	-1	15	c	0	0	0	C	- Q	0		
NG. SAMPLES	24-	3	1	1.	3	3	2	1	3	3		

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NOTOSCOPELUS (	KROYERI		NUMBE SAMPL	R OF SWIMES WITHIN	BLACCERS	PER HCUR IS- OF SUM	IA DISCRI	TE: DEPTH	SAMPLES F	ROMEMED 3
VČLUME CUBIC MM		=DE/	THS SAMPL							
•••	SURF	5¢	100	150	200	300	400	50C	600	7,50
-4		3.1		0.3	0.5					
#C-/HOUR	C-0	3.7	0 • C	0.3	0.5	0.0	0.0	0.0	0 • C	0.0
AC. HOURS	29.0	1.1	1.6	3.0	2.0:	3.0	3.1	3.0	3.0	3.0
NO. SPEC.	0	4	-C	1	1.	:0	0	G.	-0	٥
AC. SAMPLES	50 <sup>-</sup>		-1	3	2	3	3	3-	3	3

TABLE 610								
NCTCSČCFELUS DAY	FLCNCATLS					PER FLOR IN C S CF SUMFINE		FRUM-MED 1
VČLUME CUBIC MA		Ltr	THS SAPPE	eG (F)				•
.,	150	e25	375	5í ·.	716	34)		
3			<b></b> }	1 0.5				
4U34\•34	<b>:.:</b>		*•3	1.5	٠.,	3		
NL. FLUAS	4.4	ž.	2.:	2.	1.1	3.		
-NC. SPEC.	ď		1	3	•	•		
NC. SAPFLES	1	ž	;	,	i	:		

TAELE 611 -NCTESCEPELUS CAY-	(Lavorte							FTE-CEPTH SAM Inset= exclude	PLES=FRUM MED 2 G		
-VCLUFF -CUF1C-	GEPTHS SAPELL)={A}										
PP.	SURF	1.	ıf.	251		*	5	1768			
?								1.C 2.5			
- <u>VC•\+Cn</u>	٠.,٥		r.,		٠.	. • .	•-	2.0			
AC. FC665	۶ <u>۰</u> ۰	ž.v.	1.6	2.0	٤.	e • •	٠٠٠	1.0			
AC. SFEC.			¢	;	*	,*		?			
				~				,			



TABLE 612

NCTCSCOPELUS NIGHT	ELONEATUS		NUMBE SAMPL	R OF SWIP ES WITHIR	PLACCERS:	PER HOUR IS OF SUM	IN DISCRE	TE CEPTH INSET EXCL	SAMPLES !	FROM MED 2
KM CASIC ACTANE		DEP	THS SAPPL	ED (+)						
***	SURF	12	45	166	150	200	400	€00	800	1000
1 2 3			1.C 1.C	1.0	0.3					
NC-/HOUR	C.0	c.c	2.0	1.C	0.3	0.0	Q.O	0.0	G.C	-O•0
NC. HOURS	11.9	-1.5	2.0	1.0	3.0	3.0	2-1	1.0	3.C	3.0
NC. SPEC.	0	c	4	1	1	0	0	C	Ò	0
AC. SAMPLES	24	3	1	-1	3	3	2	1	3	3

TABLE 613										
NCTOSCOPELUS NIGHT	ELONGATUS					PER HOUR				FROM MED 3
VCLUPE CUBIC MM		DEF	THS SAMPL	.ED ( <u>*</u> )						
nn.	SURF	50	100	15C	200	300-	400	500	600	-750
3			1.C							
NC./FOUR	C.Õ	·C.C	1.C	0 • C	0.0	0.0-	0.0	0.C	0.0	≅C.0
AC. HOURS	25.0	1-1	1.6	3.C	2.0	3.0	3.1	3.C	3.0-	3.0
NC. SPEC.	Ò	0	1	± <b>0</b>	0	0:	-0	0	c	0
				_			_		•	-